869050 "8n2E2060

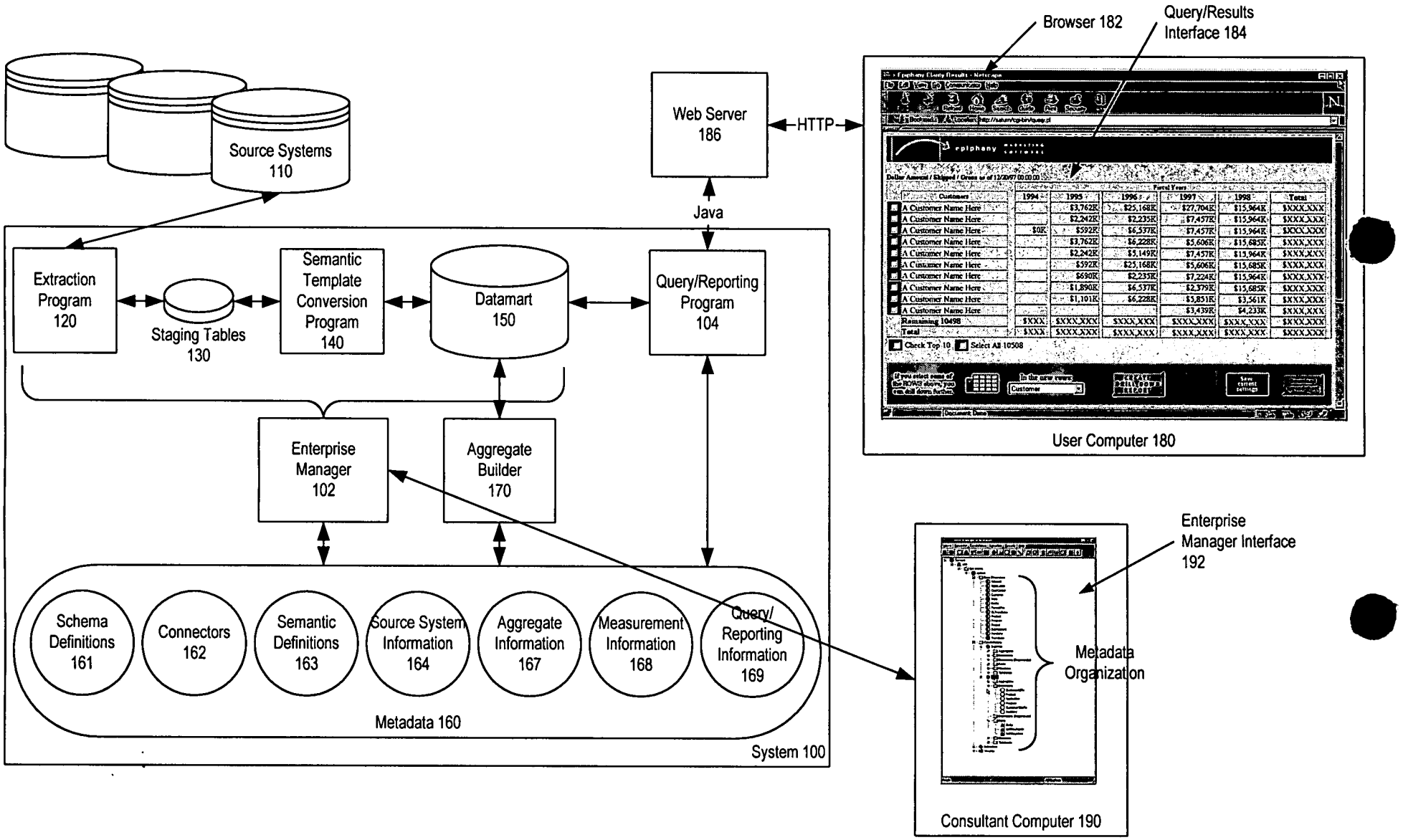


Figure 1

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure 01 System.vsd

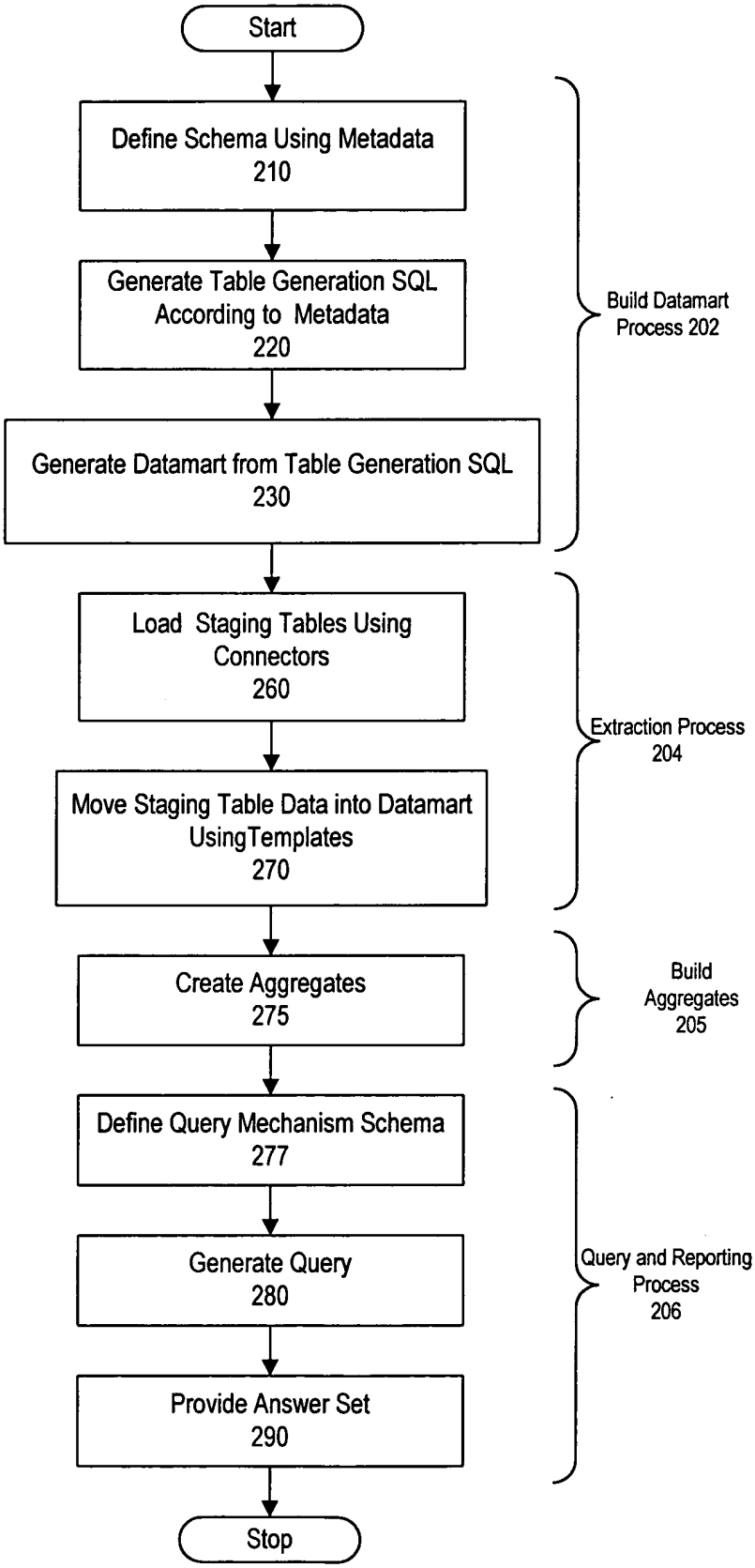


Figure 2

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure 02 Overview Flowchart.vsd

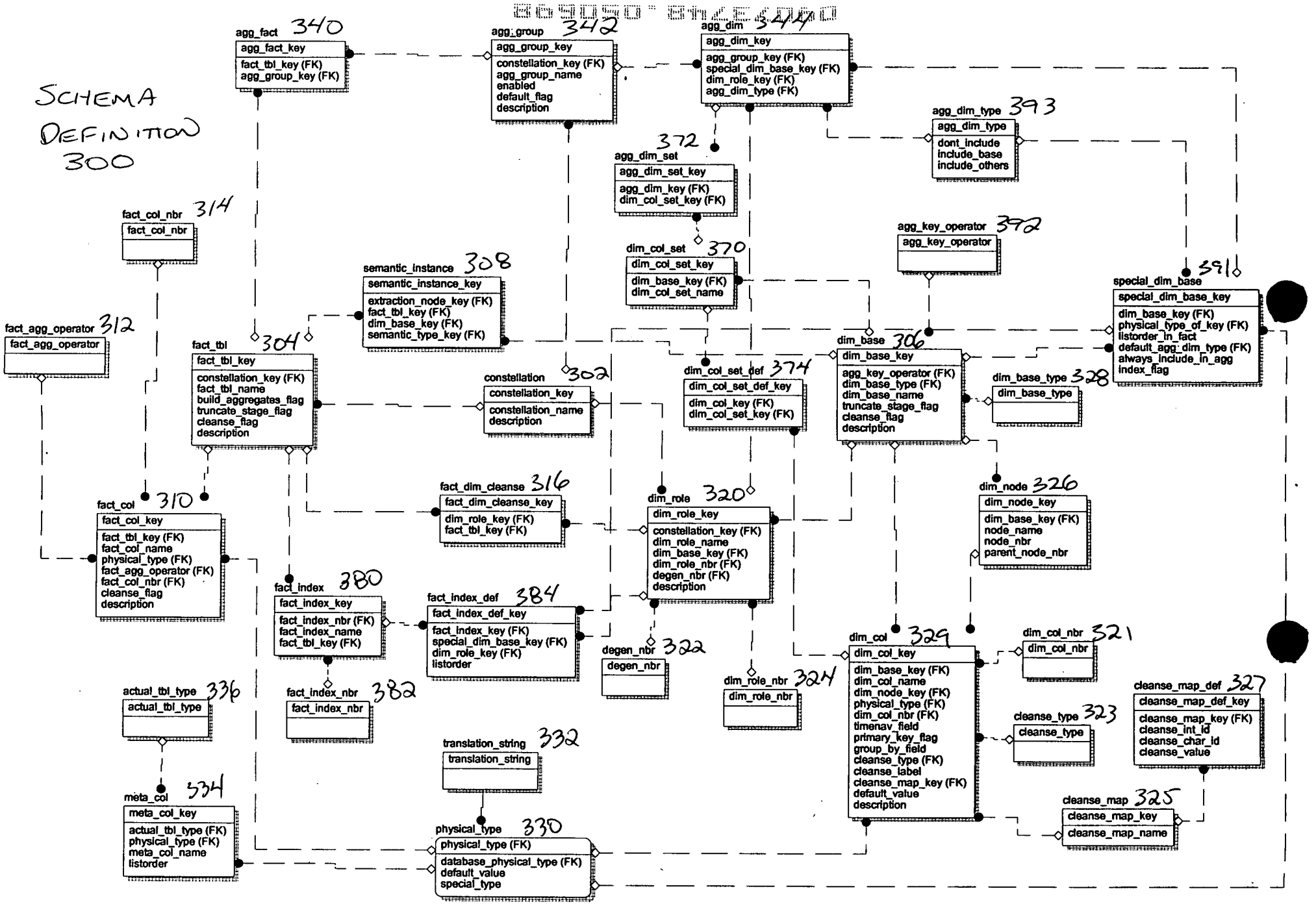

SCHEMA DEFINITION 300
agg_fact 340
agg_fact_key
fact_tbl_key (FK)
agg_group_key (FK)
agg_group 342
agg_group_key
constellation_key (FK)
agg_group_name
enabled
default_flag
description
agg_dim 344
agg_dim_key
agg_group_key (FK)
special_dim_base_key (FK)
dim_role_key (FK)
agg_dim_type (FK)
agg_dim_type 393
agg_dim_type
dont_include
include_base
include_others
372
agg_dim_set
agg_dim_set_key
agg_dim_key (FK)
dim_col_set_key (FK)
fact_col_nbr 314
fact_col_nbr
dim_col_set 370
dim_col_set_key
dim_base_key (FK)
dim_col_set_name
agg_key_operator 392
agg_key_operator
semantic_instance 308
semantic_instance_key
extraction_node_key (FK)
fact_tbl_key (FK)
dim_base_key (FK)
semantic_type_key (FK)
391
special_dim_base
special_dim_base_key
dim_base_key (FK)
physical_type_of_key (FK)
listorder_in_fact
default_agg_dim_type (FK)
always_include_in_agg
index_flag
fact_agg_operator 312
fact_agg_operator
fact_tbl 304
fact_tbl_key
constellation_key (FK)
fact_tbl_name
build_aggregates_flag
truncate_stage_flag
cleanse_flag
description
constellation 302
constellation_key
constellation_name
description
dim_col_set_def 374
dim_col_set_def_key
dim_col_key (FK)
dim_col_set_key (FK)
dim_base 306
dim_base_key
agg_key_operator (FK)
dim_base_type (FK)
dim_base_name
truncate_stage_flag
cleanse_flag
description
dim_base_type 328
dim_base_type
fact_dim_cleanse 316
fact_dim_cleanse_key
dim_role_key (FK)
fact_tbl_key (FK)
dim_role 320
dim_role_key
constellation_key (FK)
dim_role_name
dim_base_key (FK)
dim_role_nbr (FK)
degen_nbr (FK)
description
dim_node 326
dim_node_key
dim_base_key (FK)
node_name
node_nbr
parent_node_nbr
fact_col 310
fact_col_key
fact_tbl_key (FK)
fact_col_name
physical_type (FK)
fact_agg_operator (FK)
fact_col_nbr (FK)
cleanse_flag
description
fact_index 380
fact_index_key
fact_index_nbr (FK)
fact_index_name
fact_tbl_key (FK)
fact_index_def 384
fact_index_def_key
fact_index_key (FK)
special_dim_base_key (FK)
dim_role_key (FK)
listorder
degen_nbr 322
degen_nbr
dim_role_nbr 324
dim_role_nbr
dim_col 329
dim_col_key
dim_base_key (FK)
dim_col_name
dim_node_key (FK)
physical_type (FK)
dim_col_nbr (FK)
timenav_field
primary_key_flag
group_by_field
cleanse_type (FK)
cleanse_label
cleanse_map_key (FK)
default_value
description
dim_col_nbr 321
dim_col_nbr
cleanse_map_def 327
cleanse_map_def_key
cleanse_map_key (FK)
cleanse_int_id
cleanse_char_id
cleanse_value
cleanse_type 323
cleanse_type
actual_tbl_type 336
actual_tbl_type
fact_index_nbr 382
fact_index_nbr
translation_string 332
translation_string
meta_col 334
meta_col_key
actual_tbl_type (FK)
physical_type (FK)
meta_col_name
listorder
physical_type 330
physical_type (FK)
database_physical_type (FK)
default_value
special_type
cleanse_map 325
cleanse_map_key
cleanse_map_name

FIGURE 3

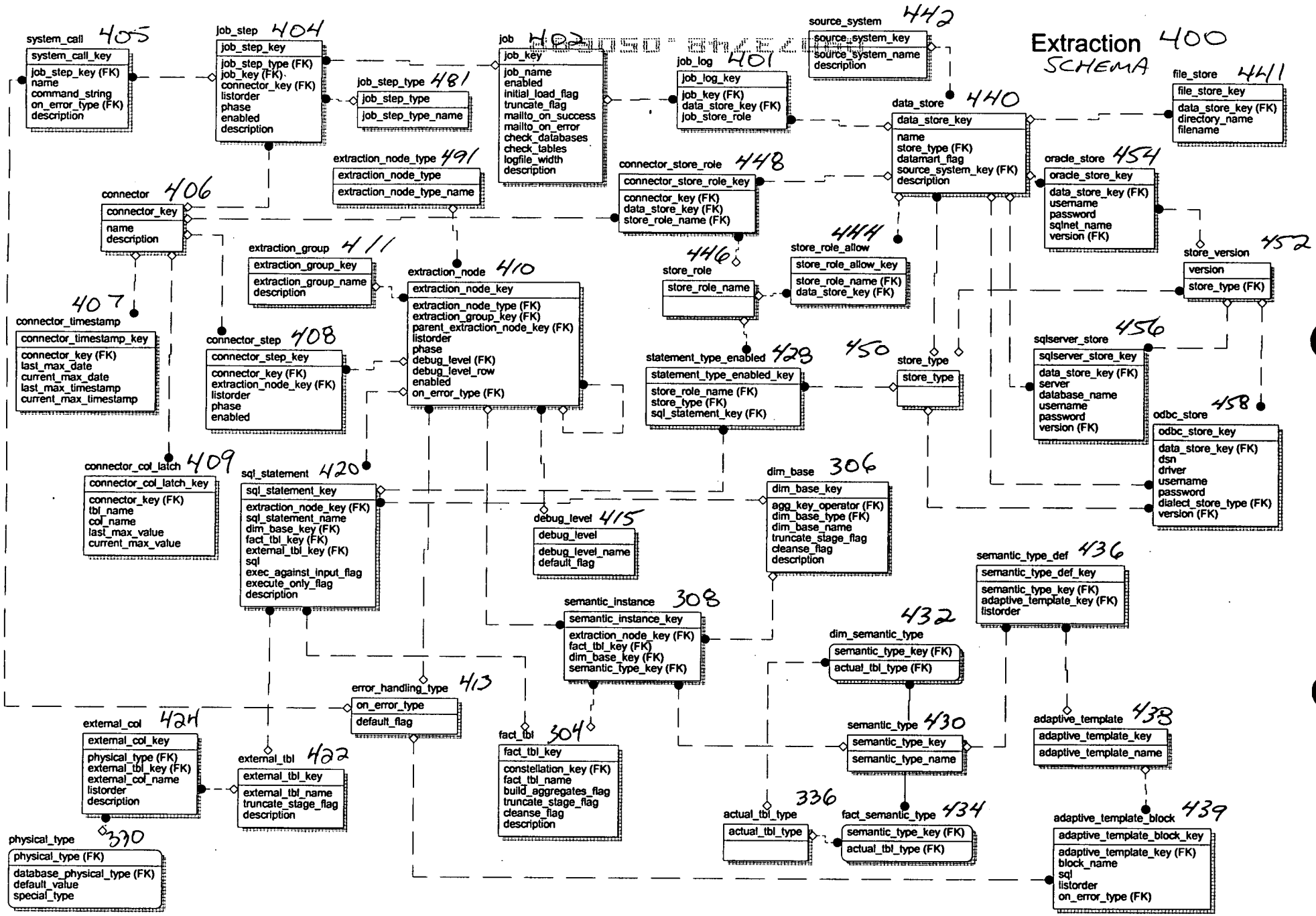

Extraction 400
SCHEMA
system_call 405
system_call_key
job_step_key (FK)
name
command_string
on_error_type (FK)
description
job_step 404
job_step_key
job_step_type (FK)
job_key (FK)
connector_key (FK)
listorder
phase
enabled
description
job_step_type 481
job_step_type
job_step_type_name
job 402
job_key
job_name
enabled
initial_load_flag
truncate_flag
mailto_on_success
mailto_on_error
check_databases
check_tables
logfile_width
description
job_log 401
job_log_key
job_key (FK)
data_store_key (FK)
job_store_role
source_system 442
source_system_key
source_system_name
description
data_store 440
data_store_key
name
store_type (FK)
datamart_flag
source_system_key (FK)
description
file_store 441
file_store_key
data_store_key (FK)
directory_name
filename
oracle_store 454
oracle_store_key
data_store_key (FK)
username
password
sqlnet_name
version (FK)
store_version 452
version
store_type (FK)
extraction_node_type 491
extraction_node_type
extraction_node_type_name
connector_store_role 448
connector_store_role_key
connector_key (FK)
data_store_key (FK)
store_role_name (FK)
connector 406
connector_key
name
description
444
store_role_allow
store_role_allow_key
store_role_name (FK)
data_store_key (FK)
446
store_role
store_role_name
extraction_group 411
extraction_group_key
extraction_group_name
description
extraction_node 410
extraction_node_key
extraction_node_type (FK)
extraction_group_key (FK)
parent_extraction_node_key (FK)
listorder
phase
debug_level (FK)
debug_level_row
enabled
on_error_type (FK)
407
connector_timestamp
connector_timestamp_key
connector_key (FK)
last_max_date
current_max_date
last_max_timestamp
current_max_timestamp
connector_step 408
connector_step_key
connector_key (FK)
extraction_node_key (FK)
listorder
phase
enabled
statement_type_enabled 428
statement_type_enabled_key
store_role_name (FK)
store_type (FK)
sql_statement_key (FK)
450
store_type
store_type
sqlserver_store 456
sqlserver_store_key
data_store_key (FK)
server
database_name
username
password
version (FK)
458
odbc_store
odbc_store_key
data_store_key (FK)
dsn
driver
username
password
dialect_store_type (FK)
version (FK)
connector_col_latch 409
connector_col_latch_key
connector_key (FK)
tbl_name
col_name
last_max_value
current_max_value
sql_statement 420
sql_statement_key
extraction_node_key (FK)
sql_statement_name
dim_base_key (FK)
fact_tbl_key (FK)
external_tbl_key (FK)
sql
exec_against_input_flag
execute_only_flag
description
debug_level 415
debug_level
debug_level_name
default_flag
dim_base 306
dim_base_key
agg_key_operator (FK)
dim_base_type (FK)
dim_base_name
truncate_stage_flag
cleanse_flag
description
semantic_type_def 436
semantic_type_def_key
semantic_type_key (FK)
adaptive_template_key (FK)
listorder
semantic_instance 308
semantic_instance_key
extraction_node_key (FK)
fact_tbl_key (FK)
dim_base_key (FK)
semantic_type_key (FK)
432
dim_semantic_type
semantic_type_key (FK)
actual_tbl_type (FK)
error_handling_type 413
on_error_type
default_flag
external_col 424
external_col_key
physical_type (FK)
external_tbl_key (FK)
external_col_name
listorder
description
external_tbl 422
external_tbl_key
external_tbl_name
truncate_stage_flag
description
fact_tbl 304
fact_tbl_key
constellation_key (FK)
fact_tbl_name
build_aggregates_flag
truncate_stage_flag
cleanse_flag
description
semantic_type 430
semantic_type_key
semantic_type_name
adaptive_template 438
adaptive_template_key
adaptive_template_name
336
actual_tbl_type
actual_tbl_type
fact_semantic_type 434
semantic_type_key (FK)
actual_tbl_type (FK)
adaptive_template_block 439
adaptive_template_block_key
adaptive_template_key (FK)
block_name
sql
listorder
on_error_type (FK)
330
physical_type
physical_type (FK)
database_physical_type (FK)
default_value
special_type

FIGURE 4

6690507 07/26/2006

Runtime Schema 500

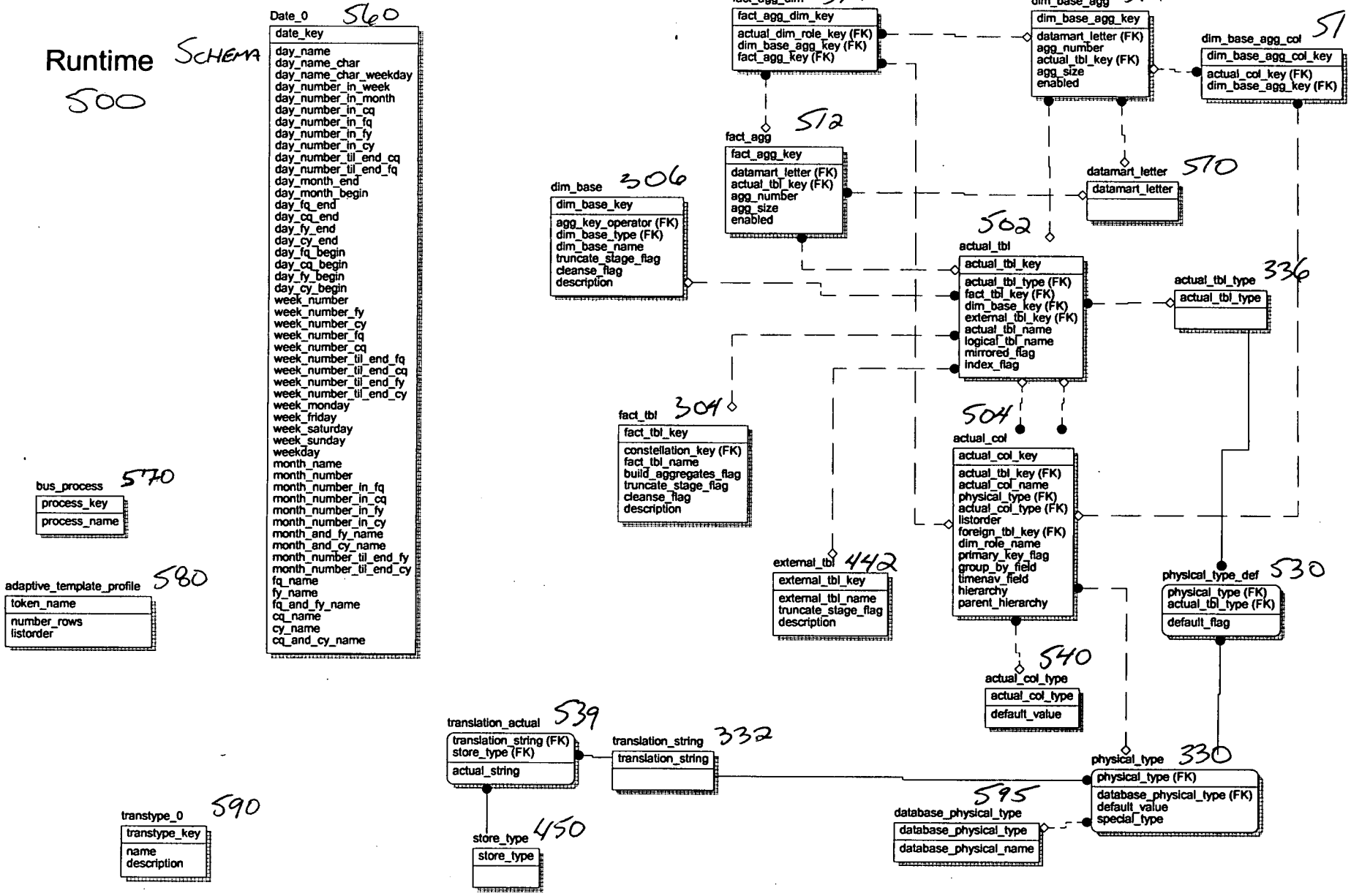


FIGURE 5

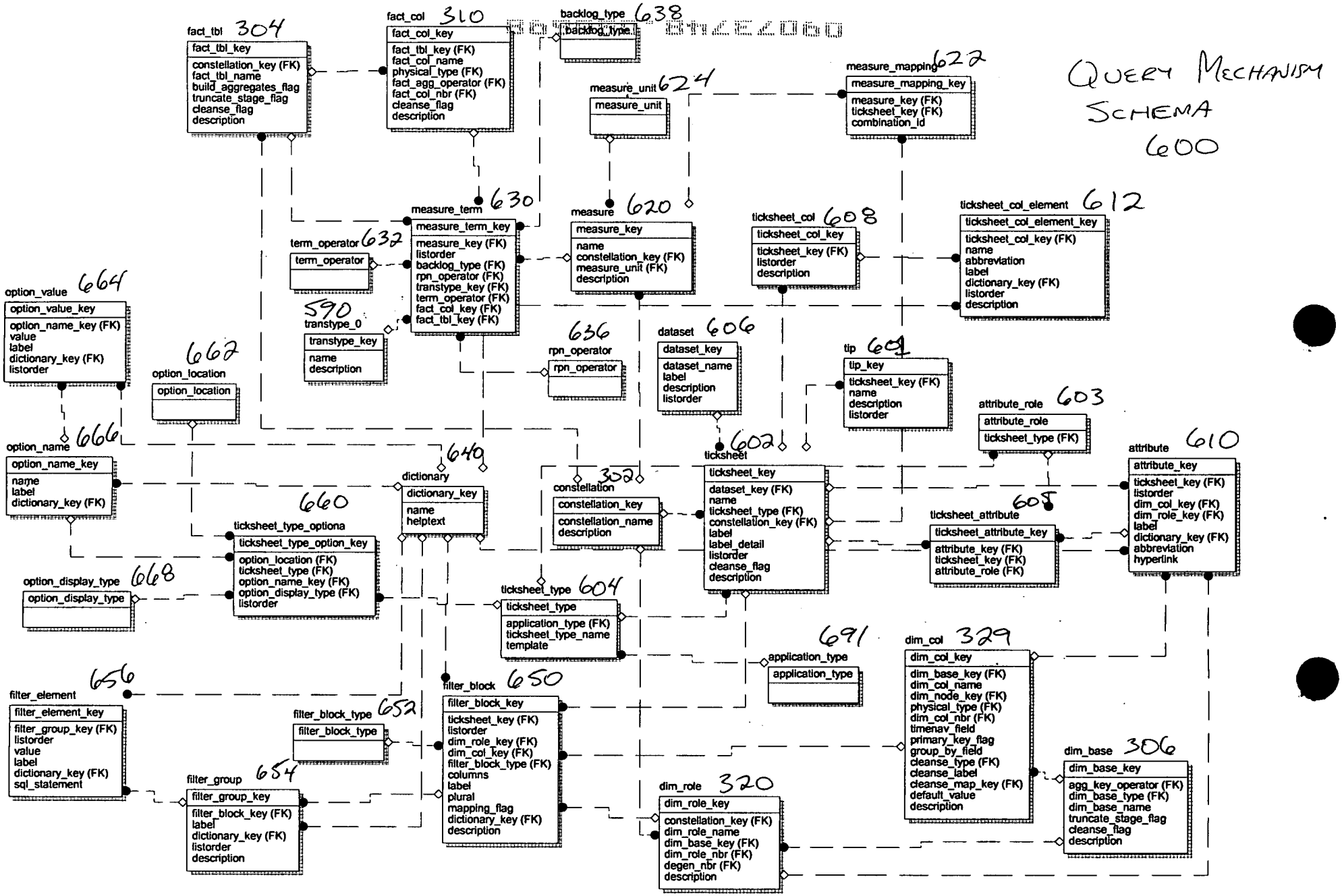

QUERY MECHANISM SCHEMA 600
fact_tbl 304
fact_tbl_key
constellation_key (FK)
fact_tbl_name
build_aggregates_flag
truncate_stage_flag
cleanse_flag
description
fact_col 310
fact_col_key
fact_tbl_key (FK)
fact_col_name
physical_type (FK)
fact_agg_operator (FK)
fact_col_nbr (FK)
cleanse_flag
description
backlog_type 638
backlog_type
measure_unit 624
measure_unit
measure_mapping 622
measure_mapping_key
measure_key (FK)
ticksheet_key (FK)
combination_id
measure_term 630
measure_term_key
measure_key (FK)
listorder
backlog_type (FK)
rpn_operator (FK)
transtype_key (FK)
term_operator (FK)
fact_col_key (FK)
fact_tbl_key (FK)
measure 620
measure_key
name
constellation_key (FK)
measure_unit (FK)
description
ticksheet_col 608
ticksheet_col_key
ticksheet_key (FK)
listorder
description
ticksheet_col_element 612
ticksheet_col_element_key
ticksheet_col_key (FK)
name
abbreviation
label
dictionary_key (FK)
listorder
description
term_operator 632
term_operator
transtype_0 590
transtype_key
name
description
rpn_operator 636
rpn_operator
dataset 606
dataset_key
dataset_name
label
description
listorder
tip 609
tip_key
ticksheet_key (FK)
name
description
listorder
option_value 664
option_value_key
option_name_key (FK)
value
label
dictionary_key (FK)
listorder
option_location 662
option_location
attribute_role 603
attribute_role
ticksheet_type (FK)
option_name 666
option_name_key
name
label
dictionary_key (FK)
dictionary 640
dictionary_key
name
helptext
constellation 302
constellation_key
constellation_name
description
ticksheet 602
ticksheet_key
dataset_key (FK)
name
ticksheet_type (FK)
constellation_key (FK)
label
label_detail
listorder
cleanse_flag
description
attribute 610
attribute_key
ticksheet_key (FK)
listorder
dim_col_key (FK)
dim_role_key (FK)
label
dictionary_key (FK)
abbreviation
hyperlink
ticksheet_attribute 605
ticksheet_attribute_key
attribute_key (FK)
ticksheet_key (FK)
attribute_role (FK)
ticksheet_type_optiona 660
ticksheet_type_option_key
option_location (FK)
ticksheet_type (FK)
option_name_key (FK)
option_display_type (FK)
listorder
option_display_type 668
option_display_type
ticksheet_type 604
ticksheet_type
application_type (FK)
ticksheet_type_name
template
application_type 691
application_type
dim_col 329
dim_col_key
dim_base_key (FK)
dim_col_name
dim_node_key (FK)
physical_type (FK)
dim_col_nbr (FK)
timenav_field
primary_key_flag
group_by_field
cleanse_type (FK)
cleanse_label
cleanse_map_key (FK)
default_value
description
filter_element 656
filter_element_key
filter_group_key (FK)
listorder
value
label
dictionary_key (FK)
sql_statement
filter_block_type 652
filter_block_type
filter_block 650
filter_block_key
ticksheet_key (FK)
listorder
dim_role_key (FK)
dim_col_key (FK)
filter_block_type (FK)
columns
label
plural
mapping_flag
dictionary_key (FK)
description
dim_base 306
dim_base_key
agg_key_operator (FK)
dim_base_type (FK)
dim_base_name
truncate_stage_flag
cleanse_flag
description
filter_group 654
filter_group_key
filter_block_key (FK)
label
dictionary_key (FK)
listorder
description
dim_role 320
dim_role_key
constellation_key (FK)
dim_role_name
dim_base_key (FK)
dim_role_nbr (FK)
degen_nbr (FK)
description

FIGURE 6

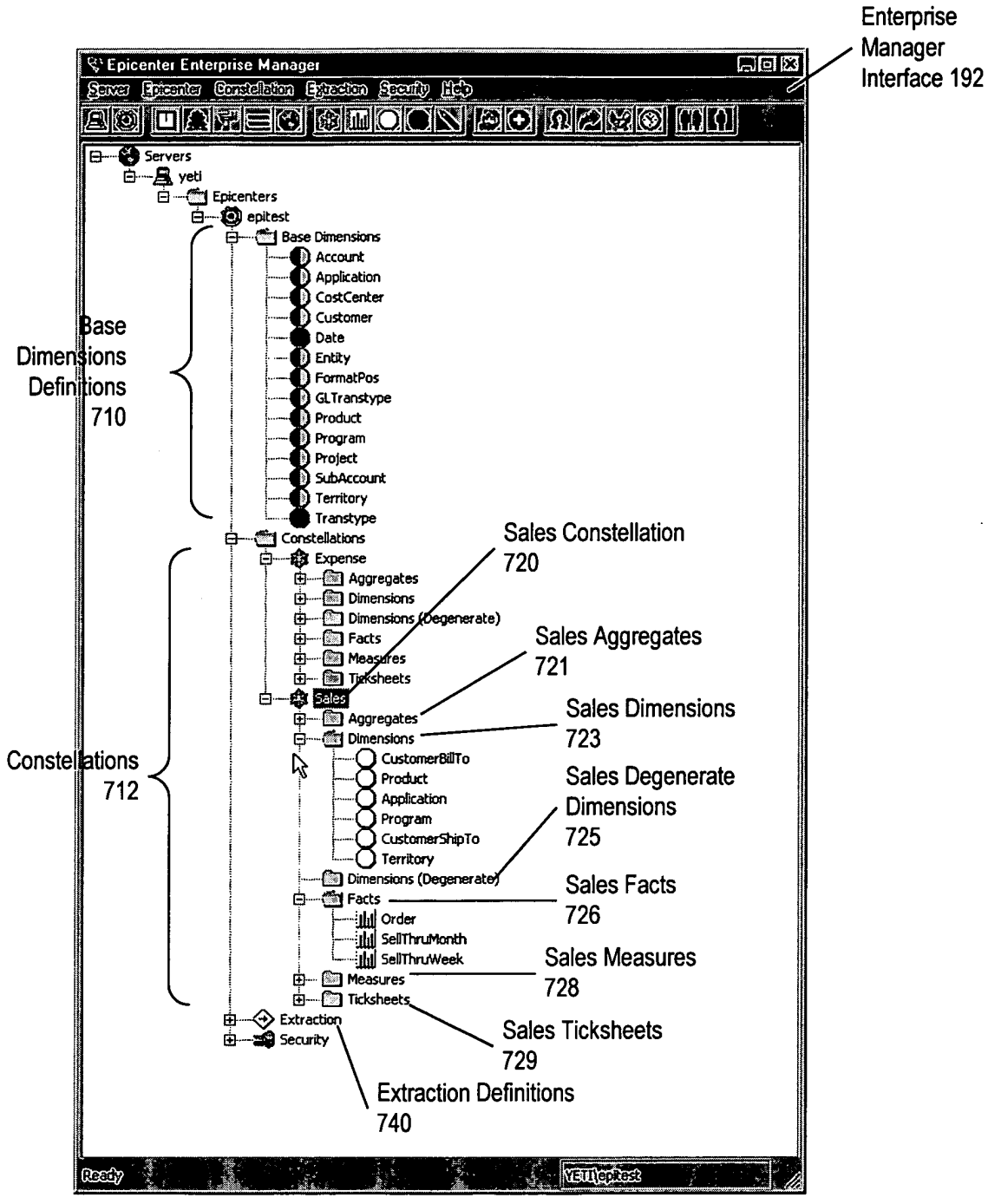


Figure 7

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure07 salesconstellation.vsd

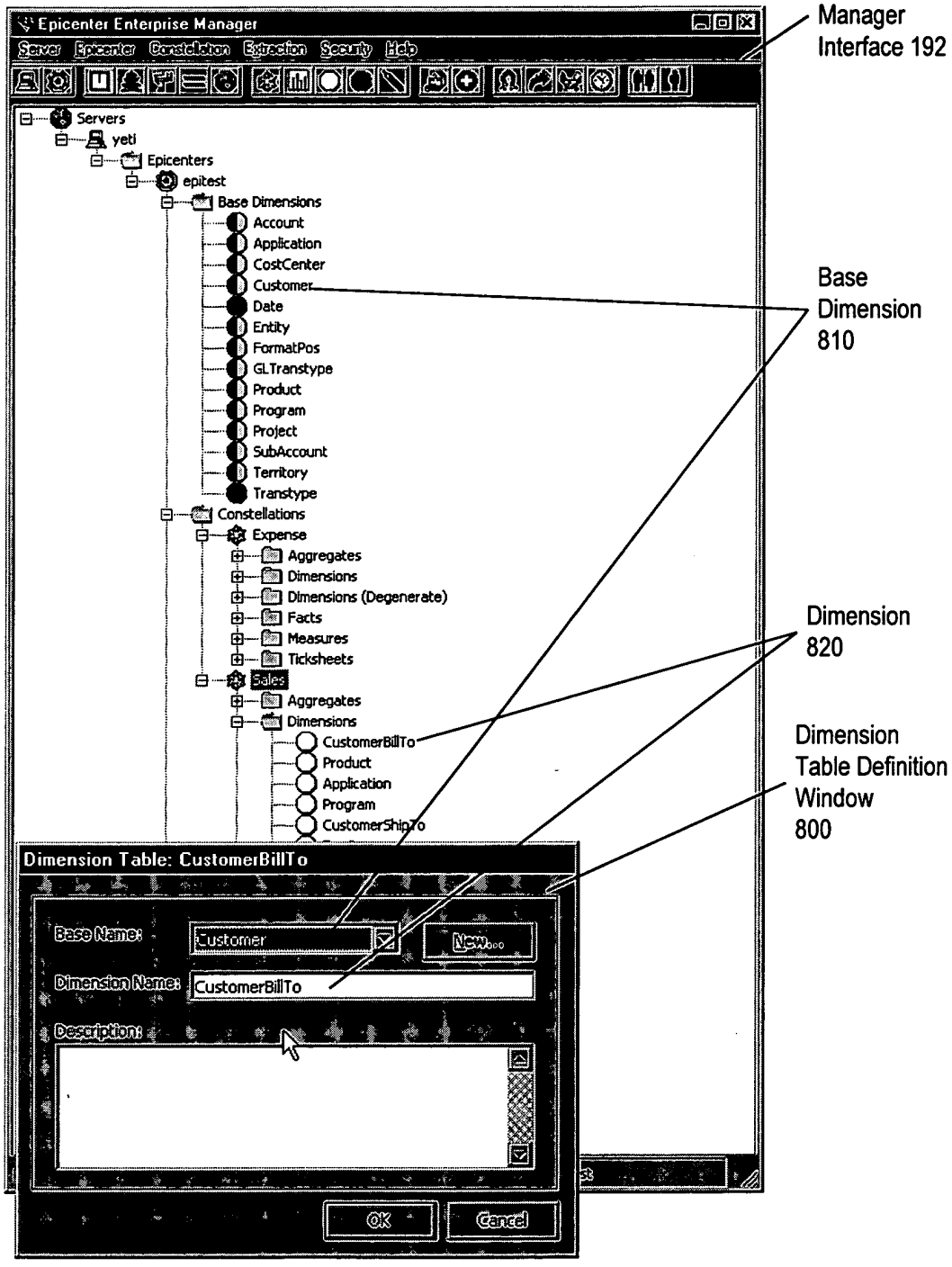


Figure 8

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure08 dimroledefinitioncustomerbillto.vsd

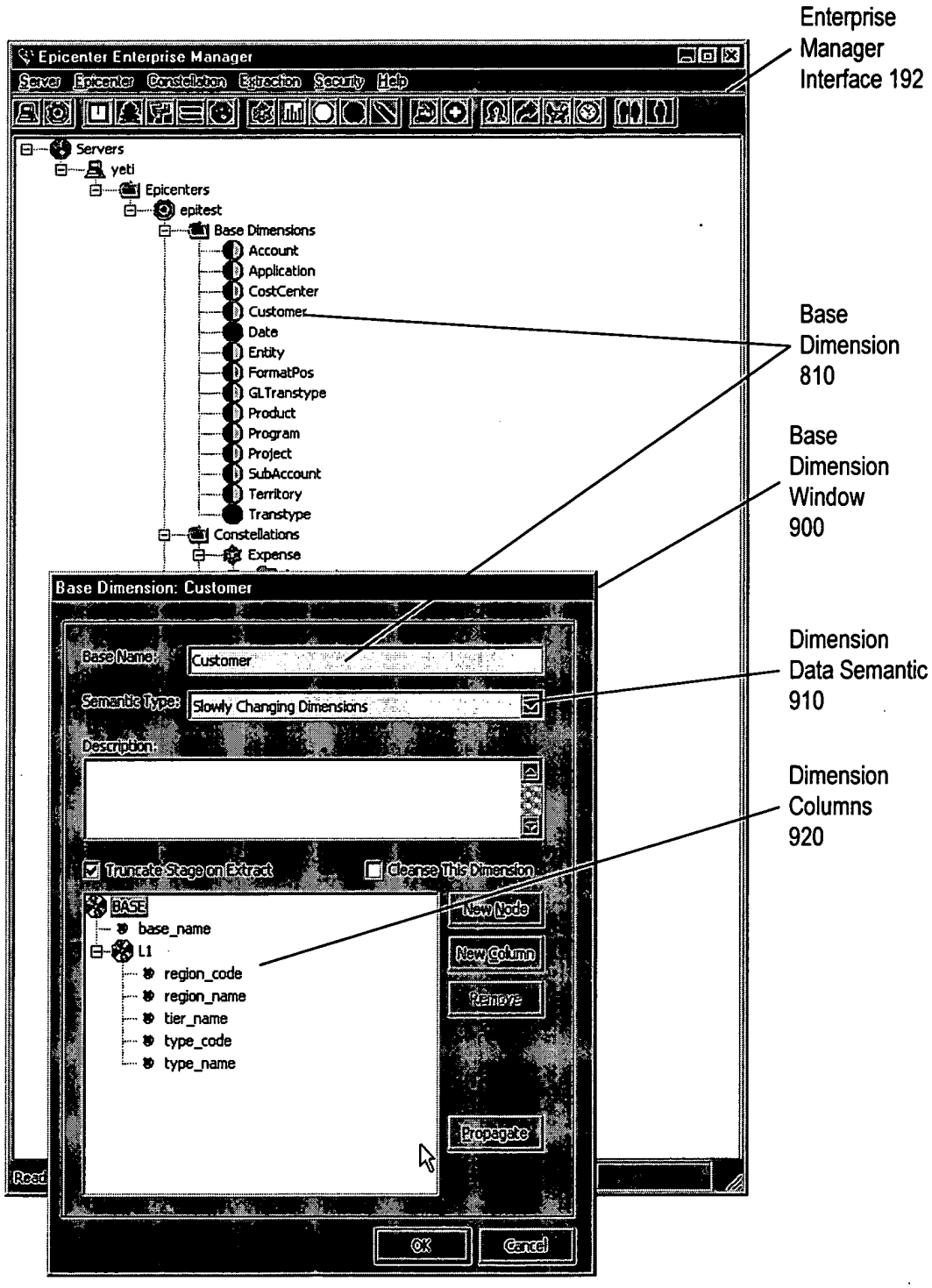


Figure 9

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure09 customerdimbasedef.vsd

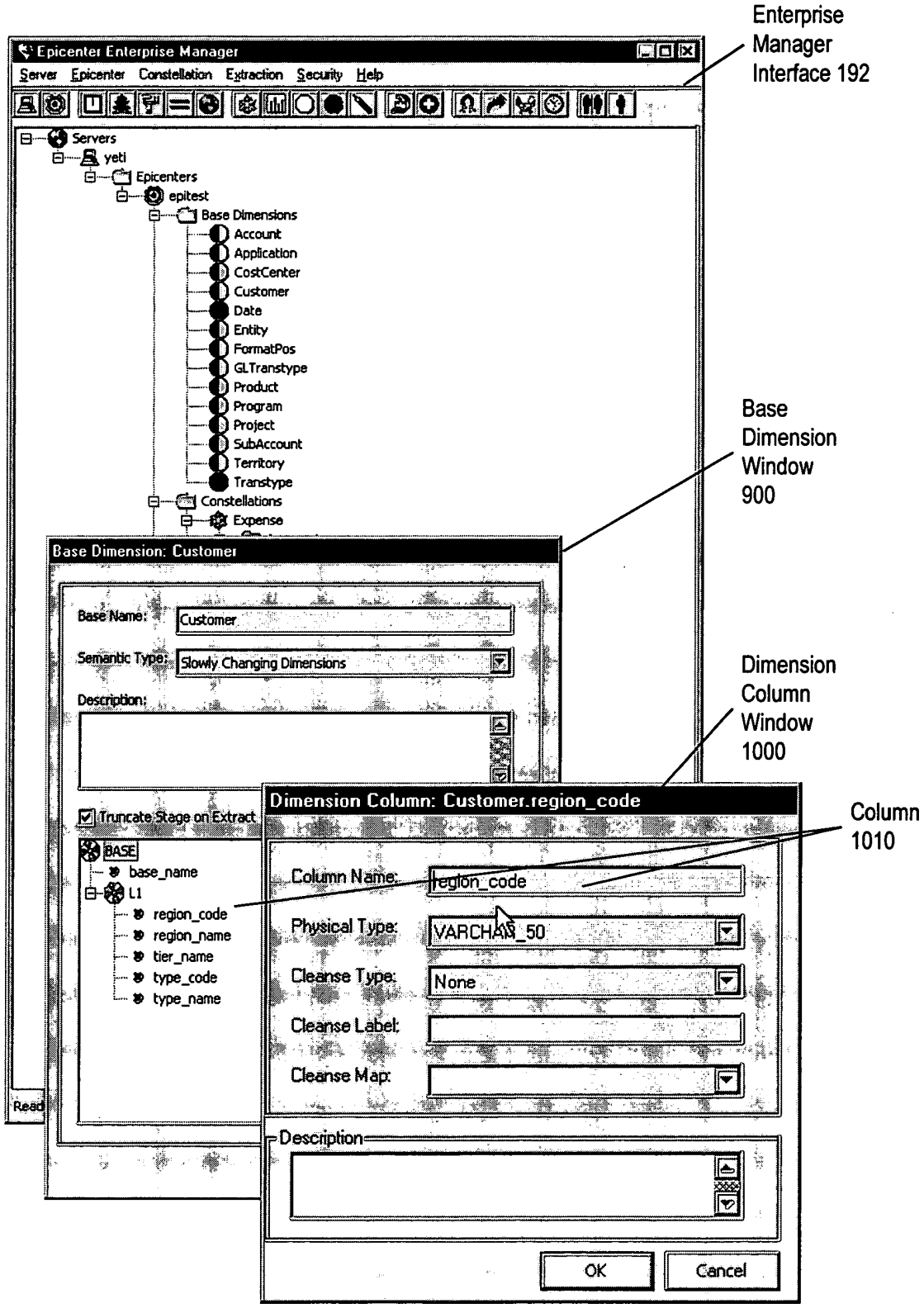


Figure 10

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure10 customerdimcoldef.vsd

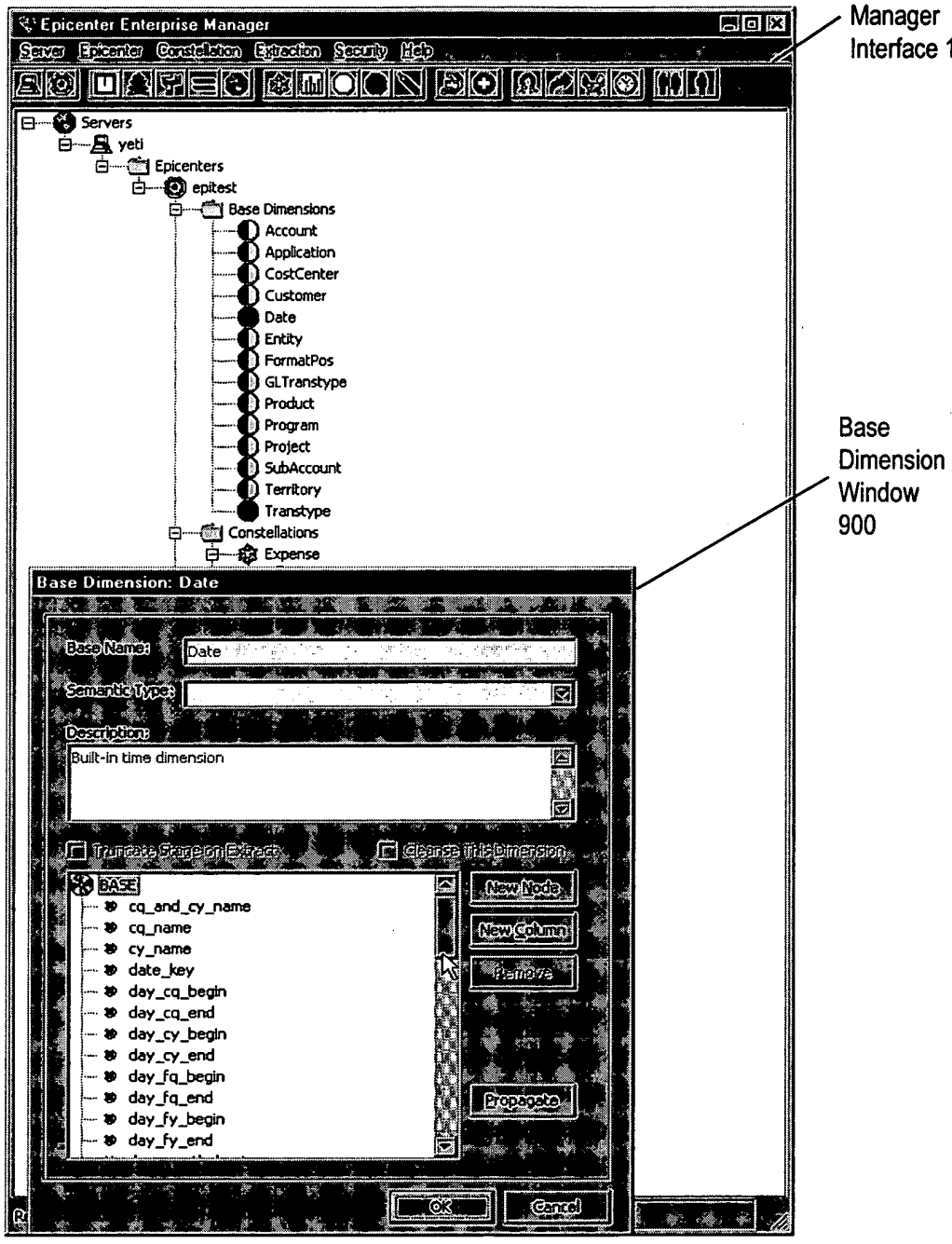


Figure 11

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure11 dataspecialtbldef.vsd

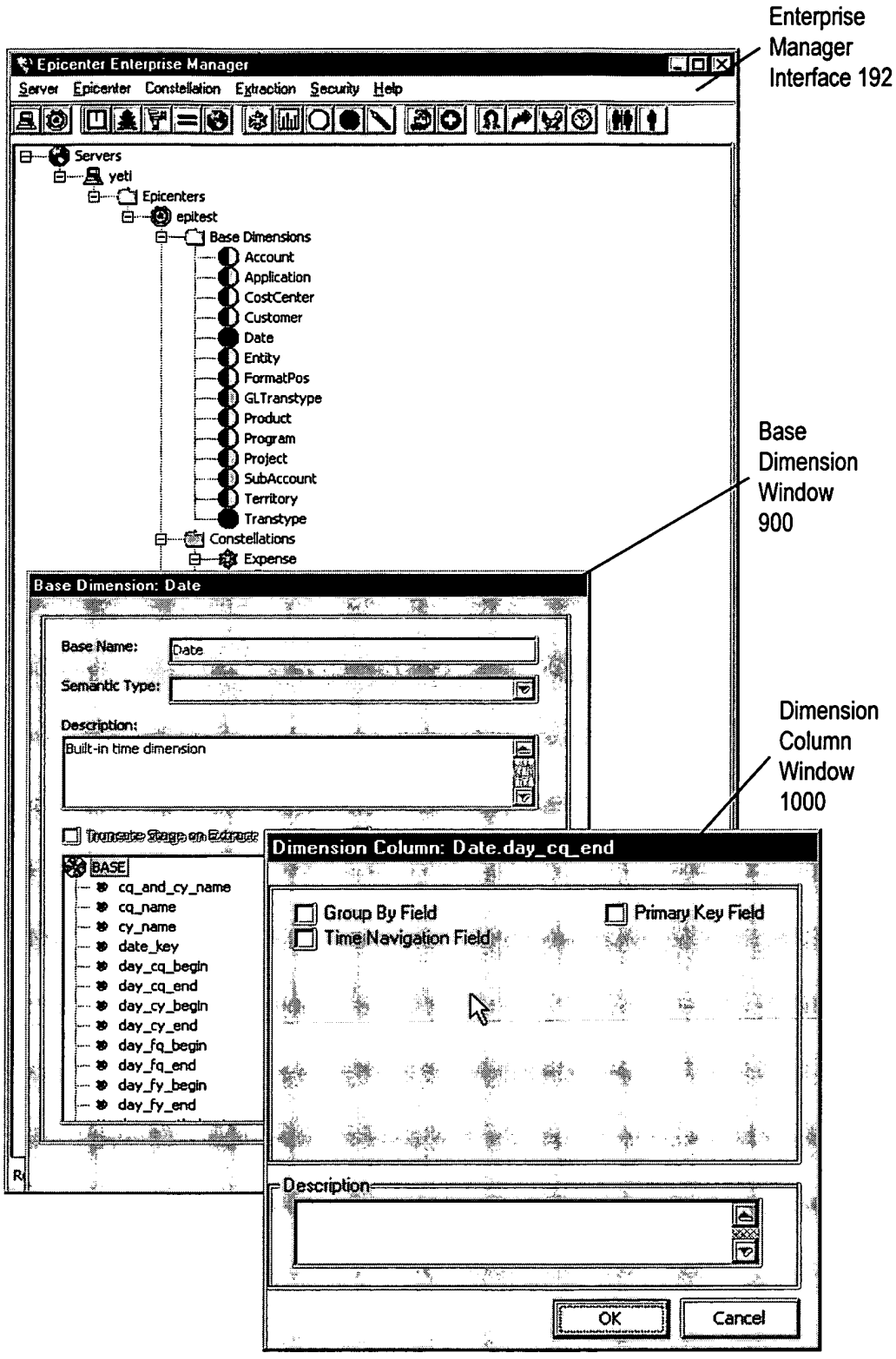


Figure 12

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure12 datespecialcolumndef.vsd

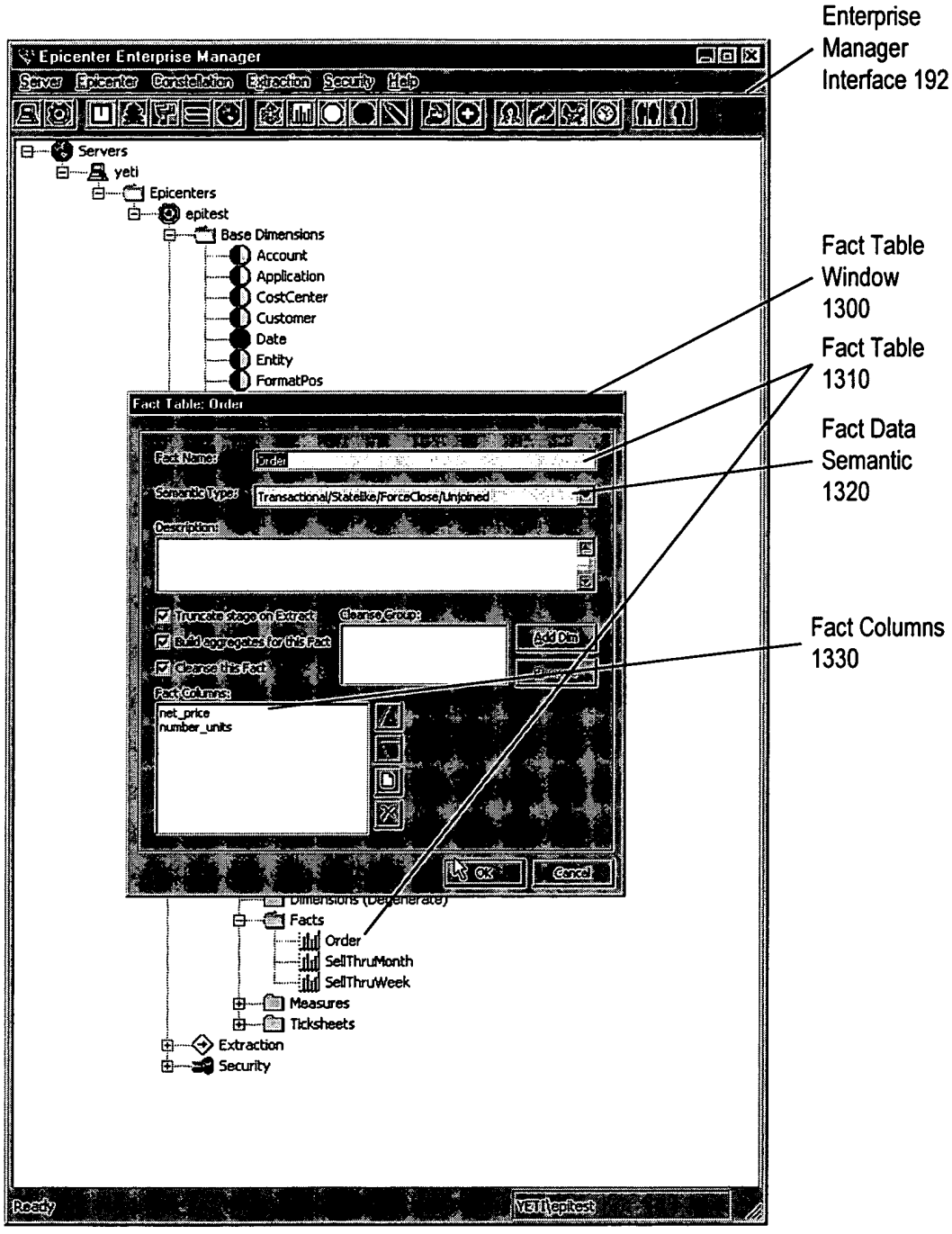


Figure 13

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure13 facttabledef.vsd

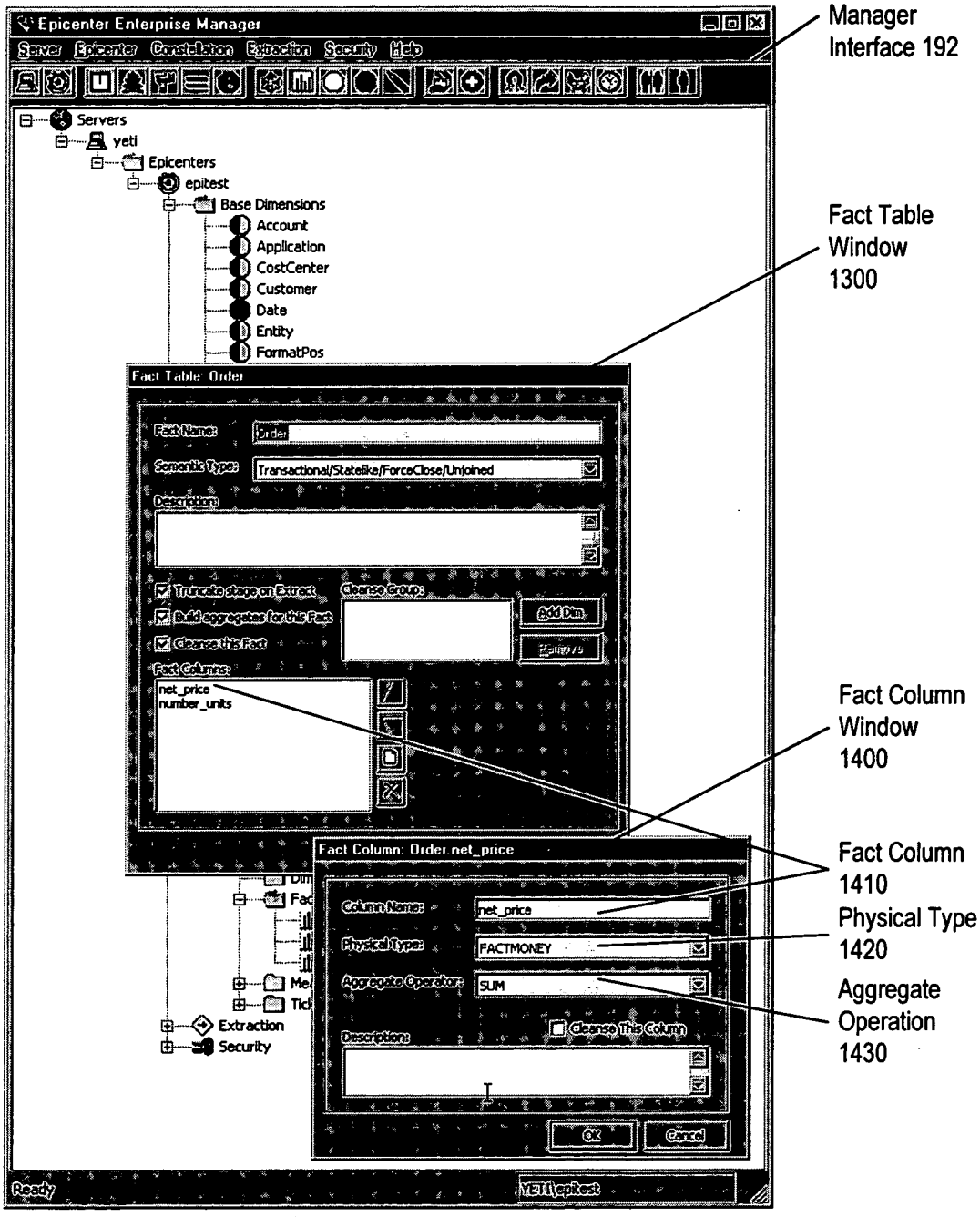


Figure 14

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure14 factcoldefinition.vsd

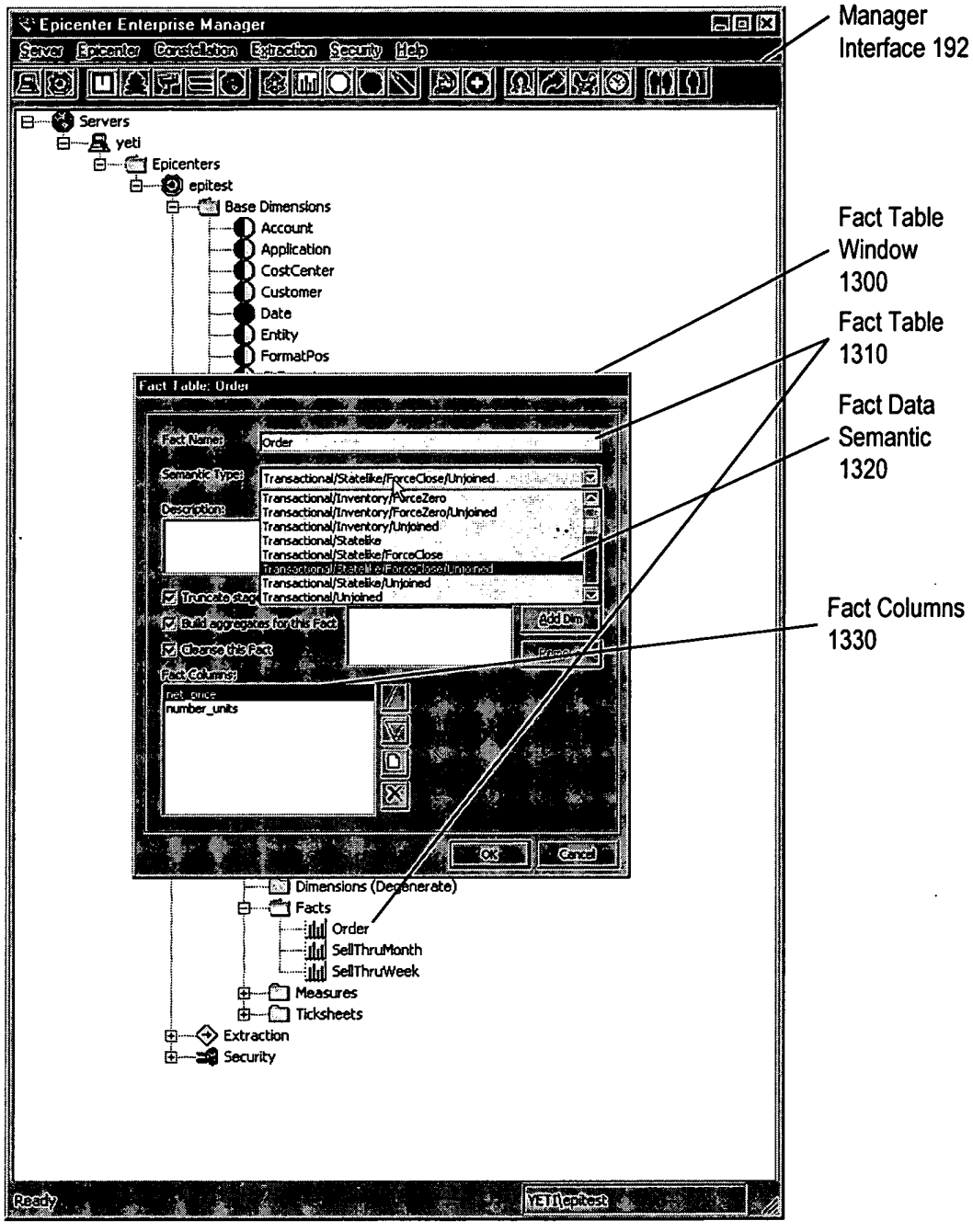


Figure 15

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure15 factchoiceofsemantictype.vsd

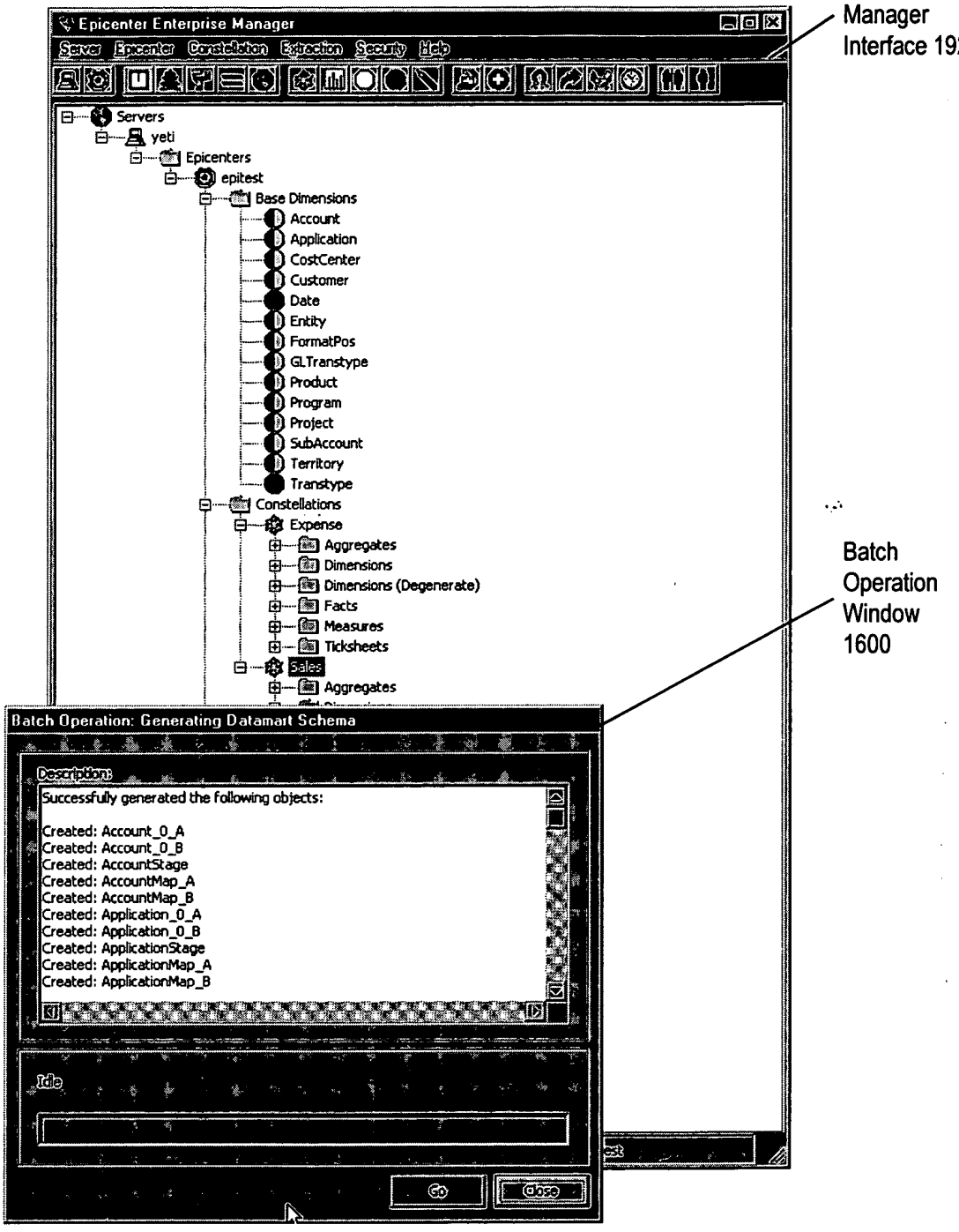
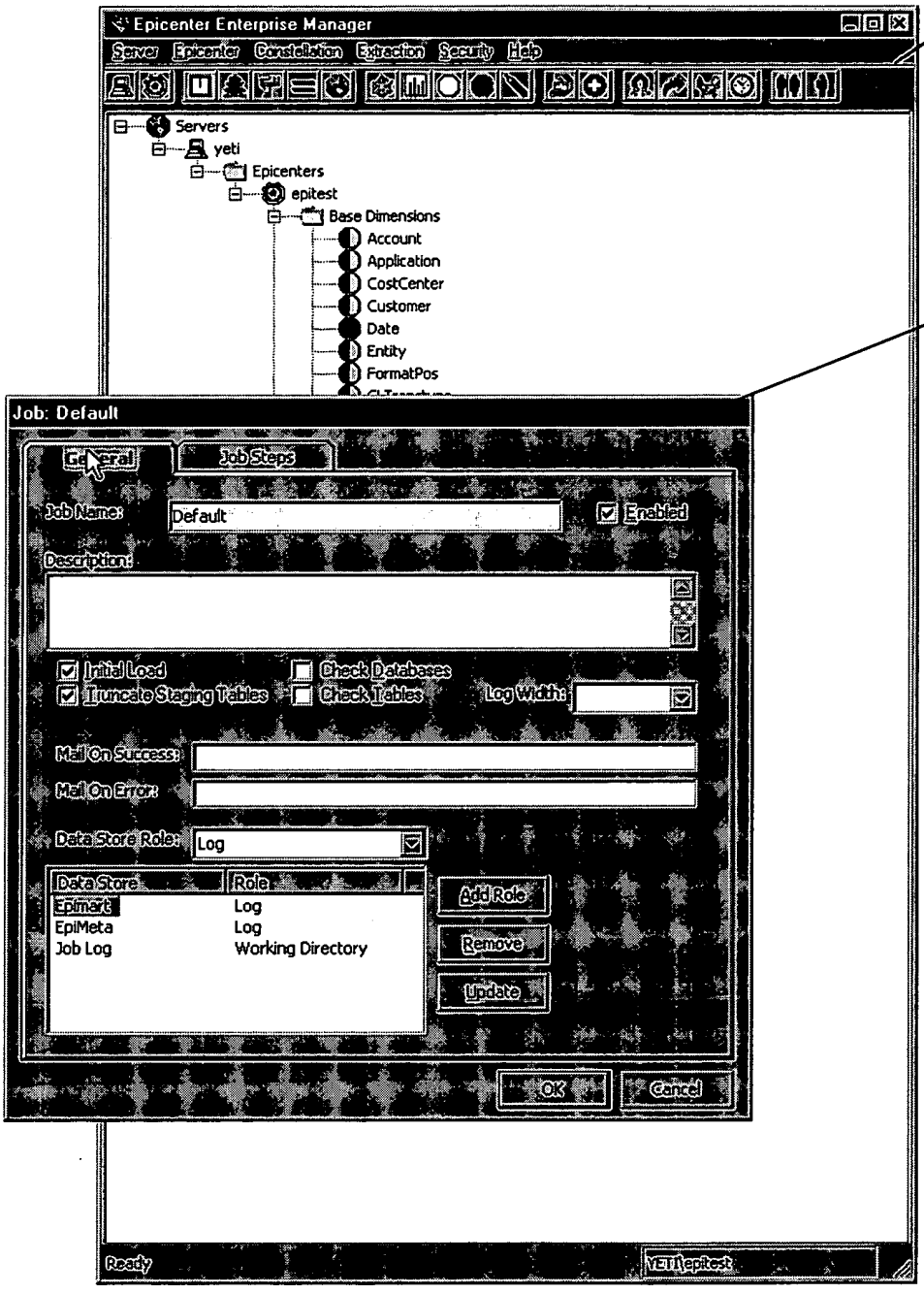


Figure 16

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure16 generatingschema.vsd



Enterprise Manager Interface 192

Job Definition Window 1700

Figure 17

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure17 jobgeneral.vsd

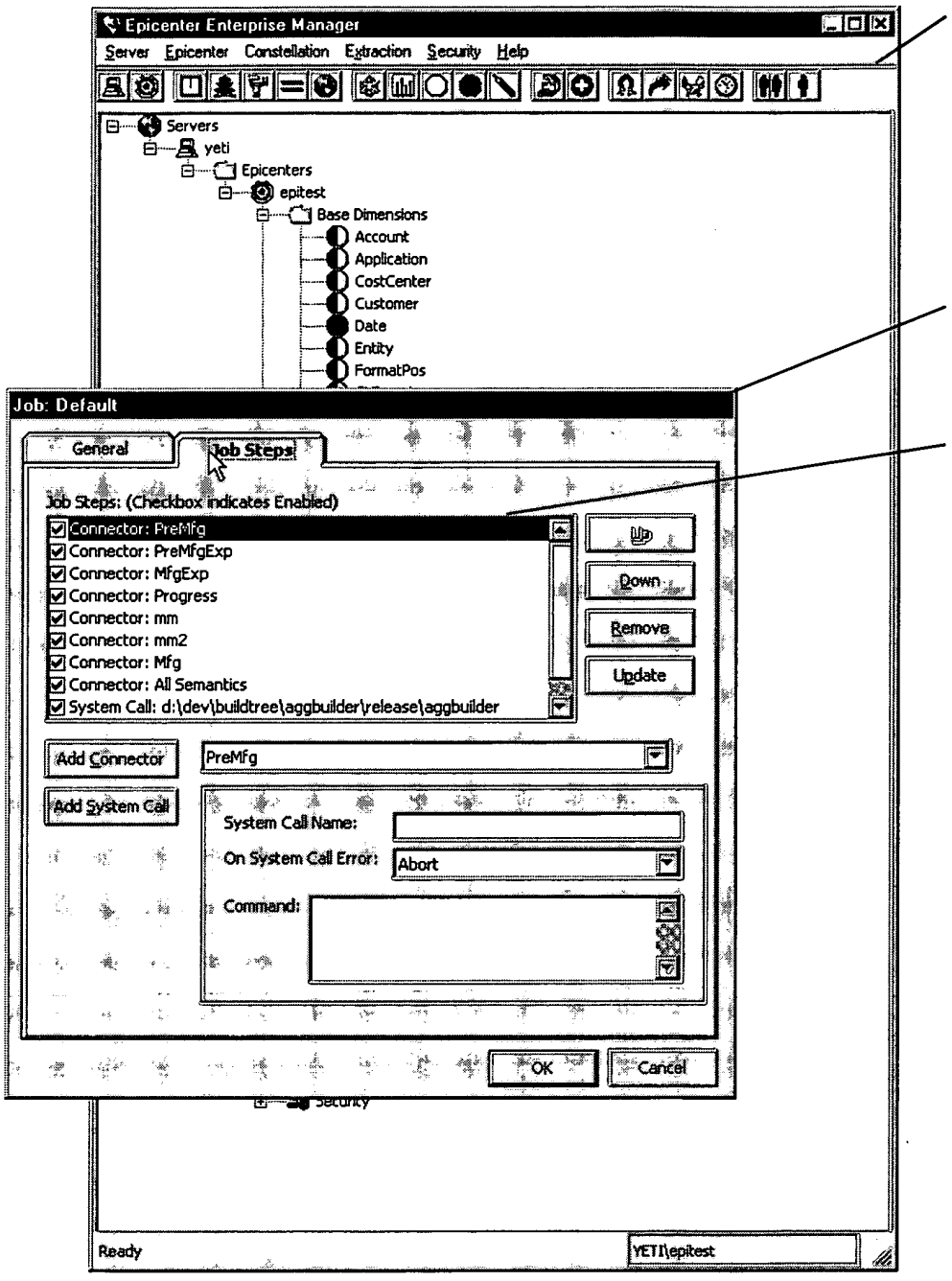


Figure 18

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure18 jobsteps.vsd

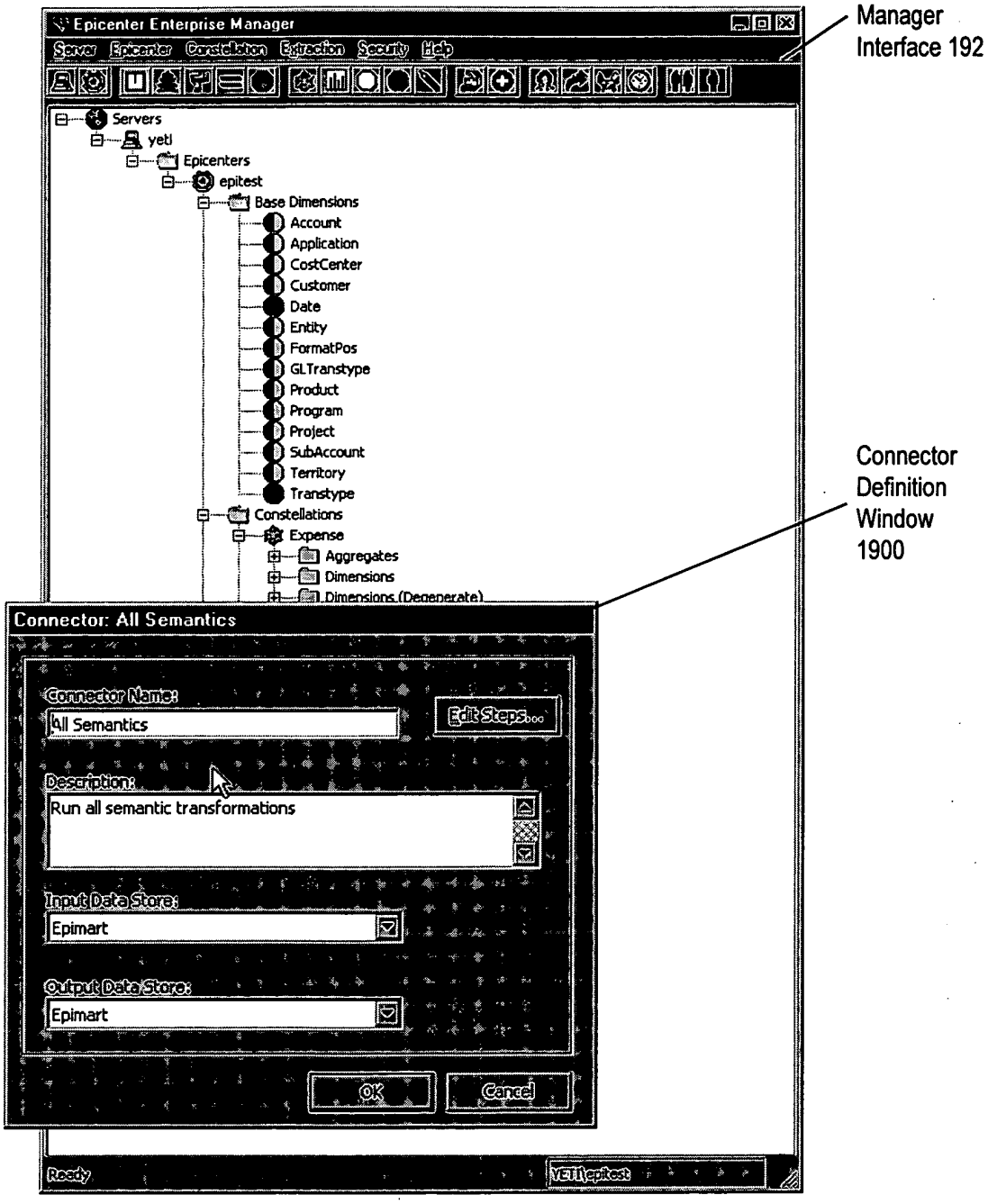


Figure 19

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure19 connectordefinitionwithdatastores.vsd

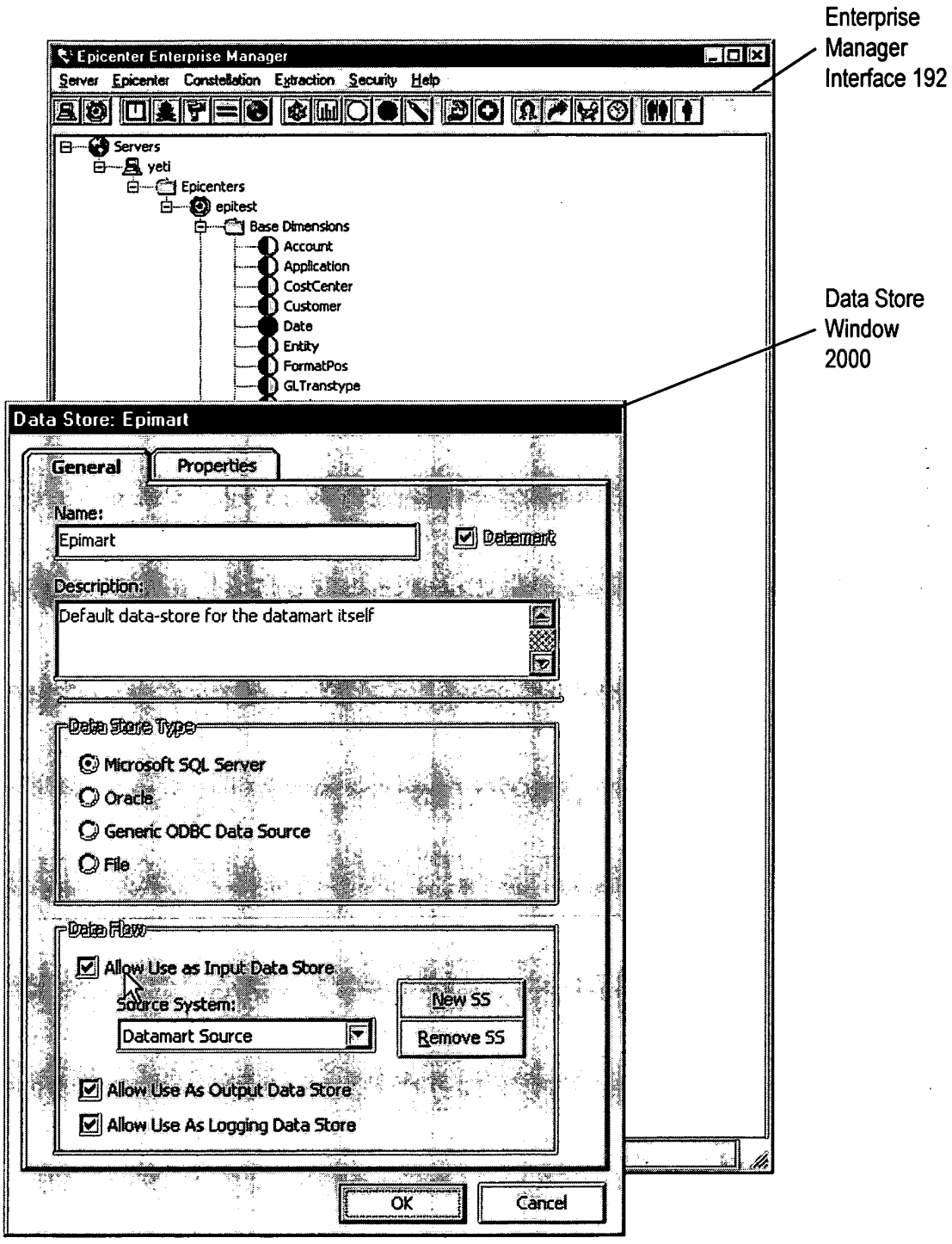


Figure 20

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure20 datasourcedefinition.vsd

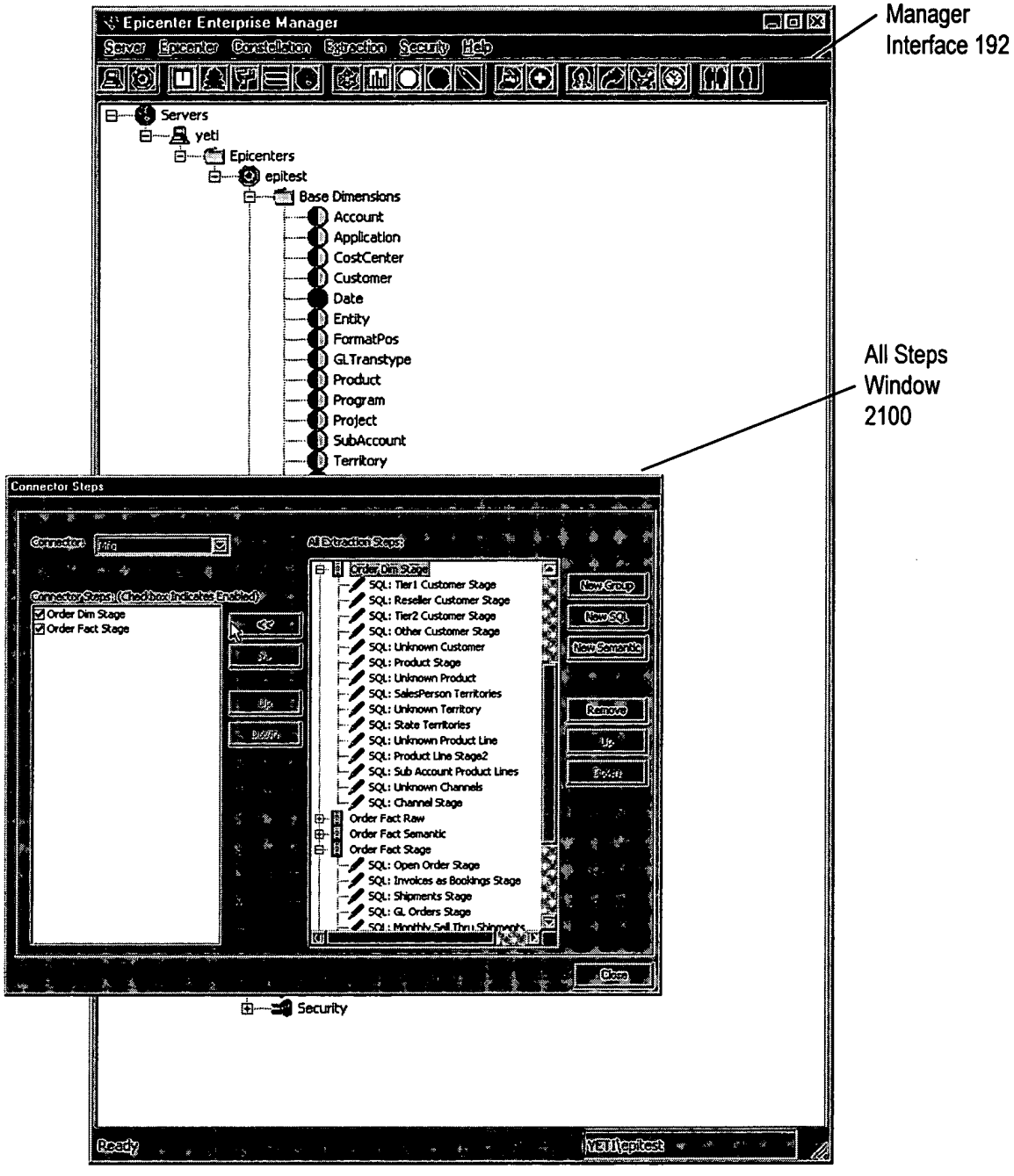


Figure 21

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure21 sqlconnectorsteps.vsd

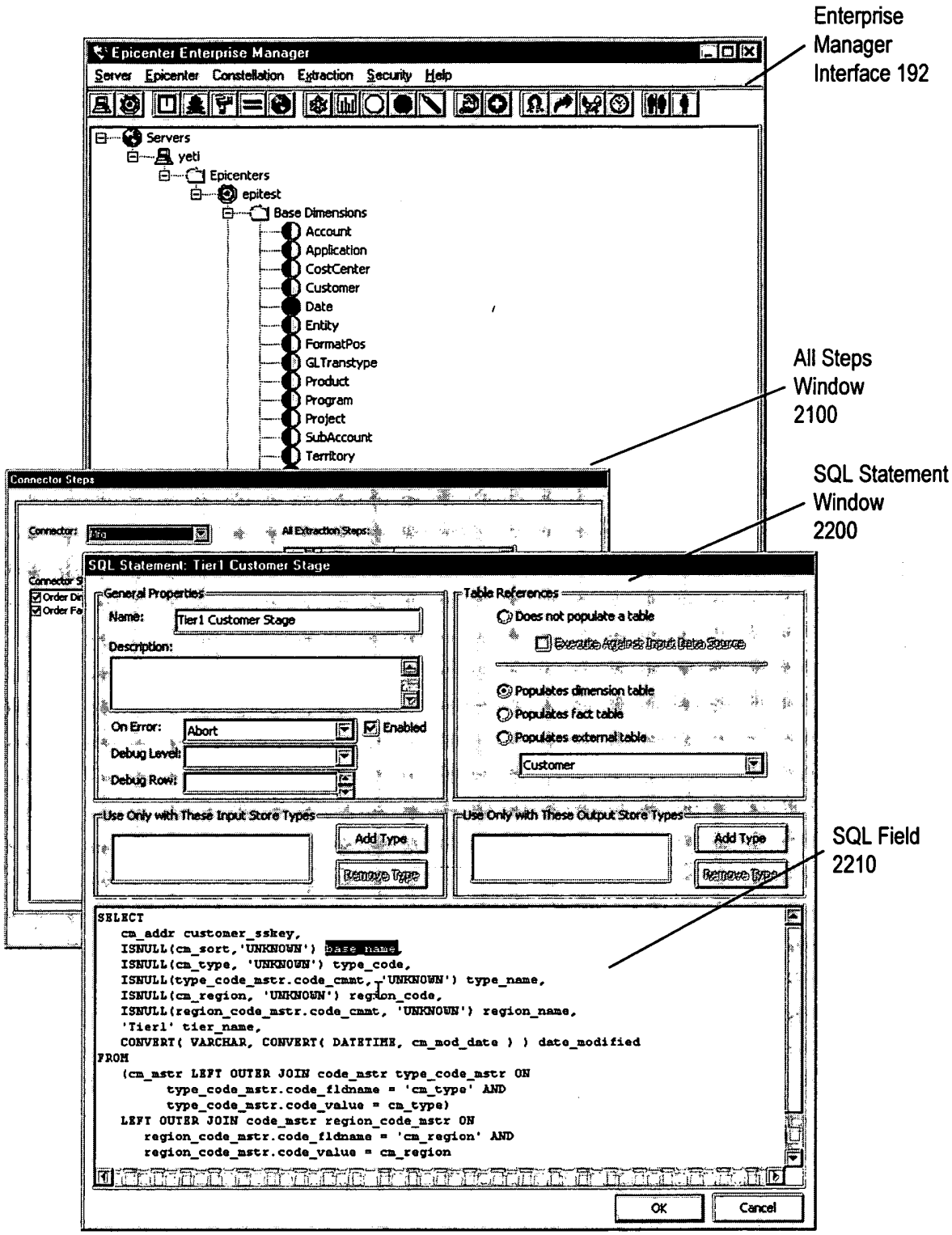
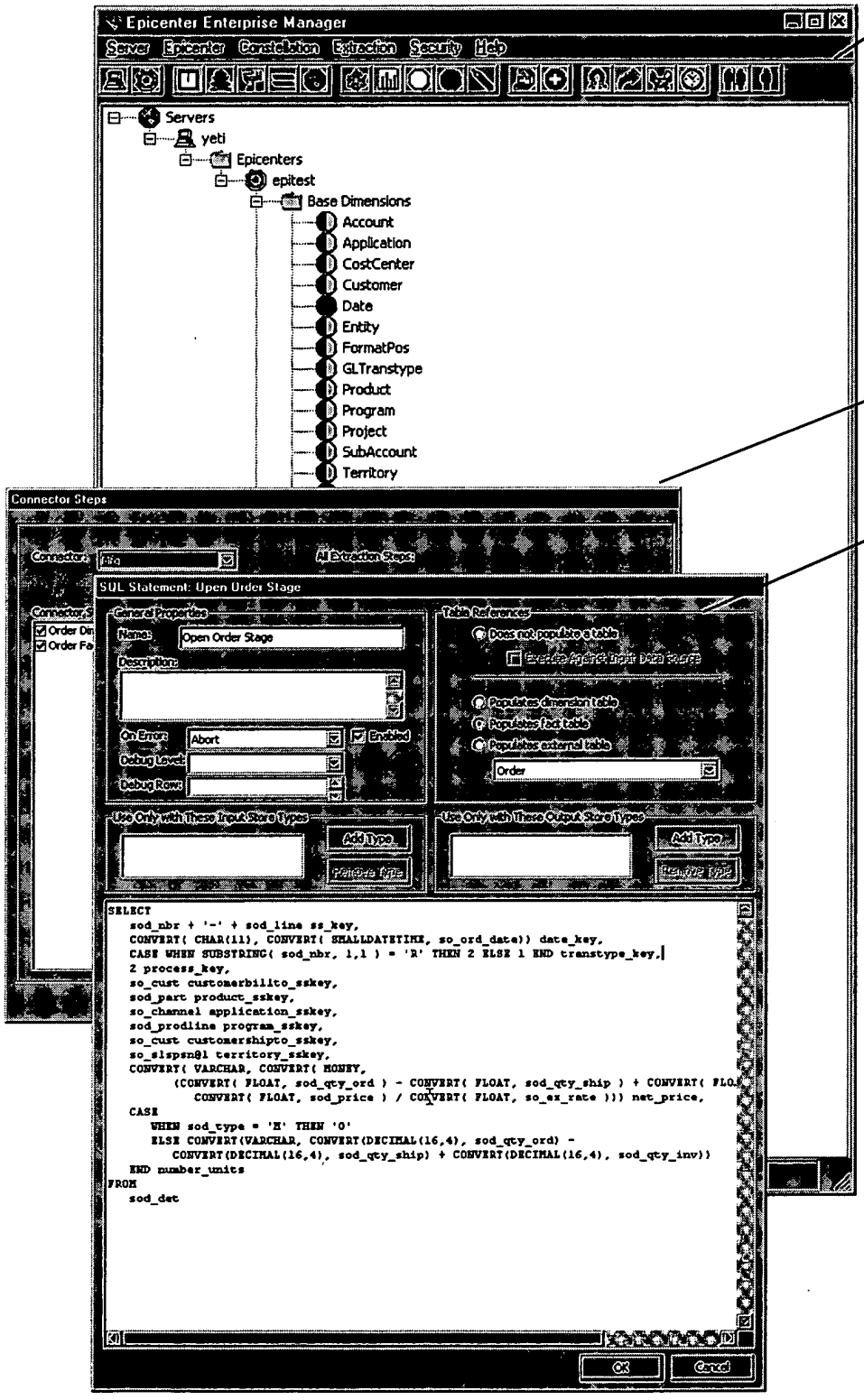


Figure 22

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure22 customersql.vsd



Enterprise Manager Interface 192

All Steps Window 2100

SQL Statement Window 2200

Figure 23

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure23 ordersql.vsd

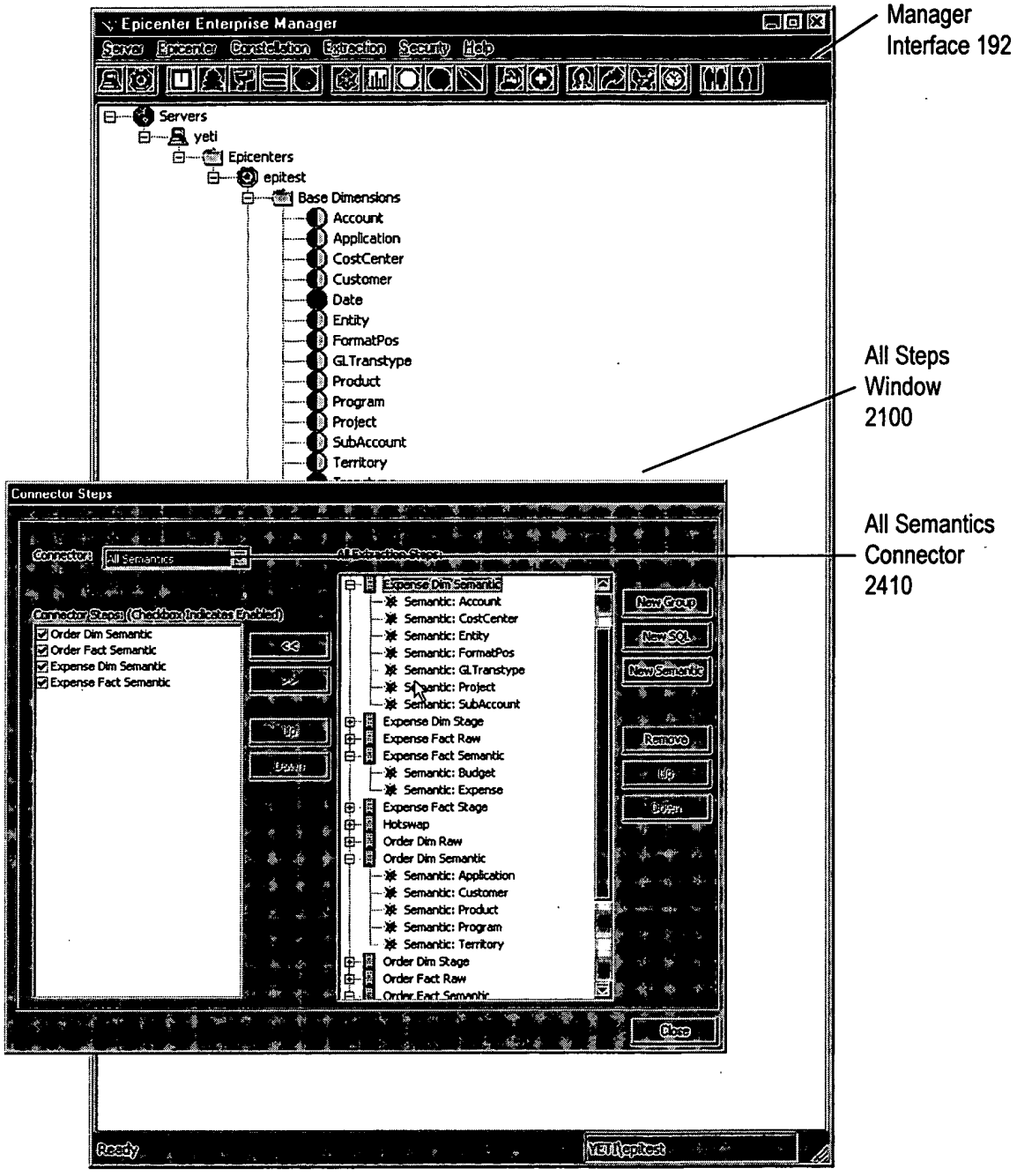
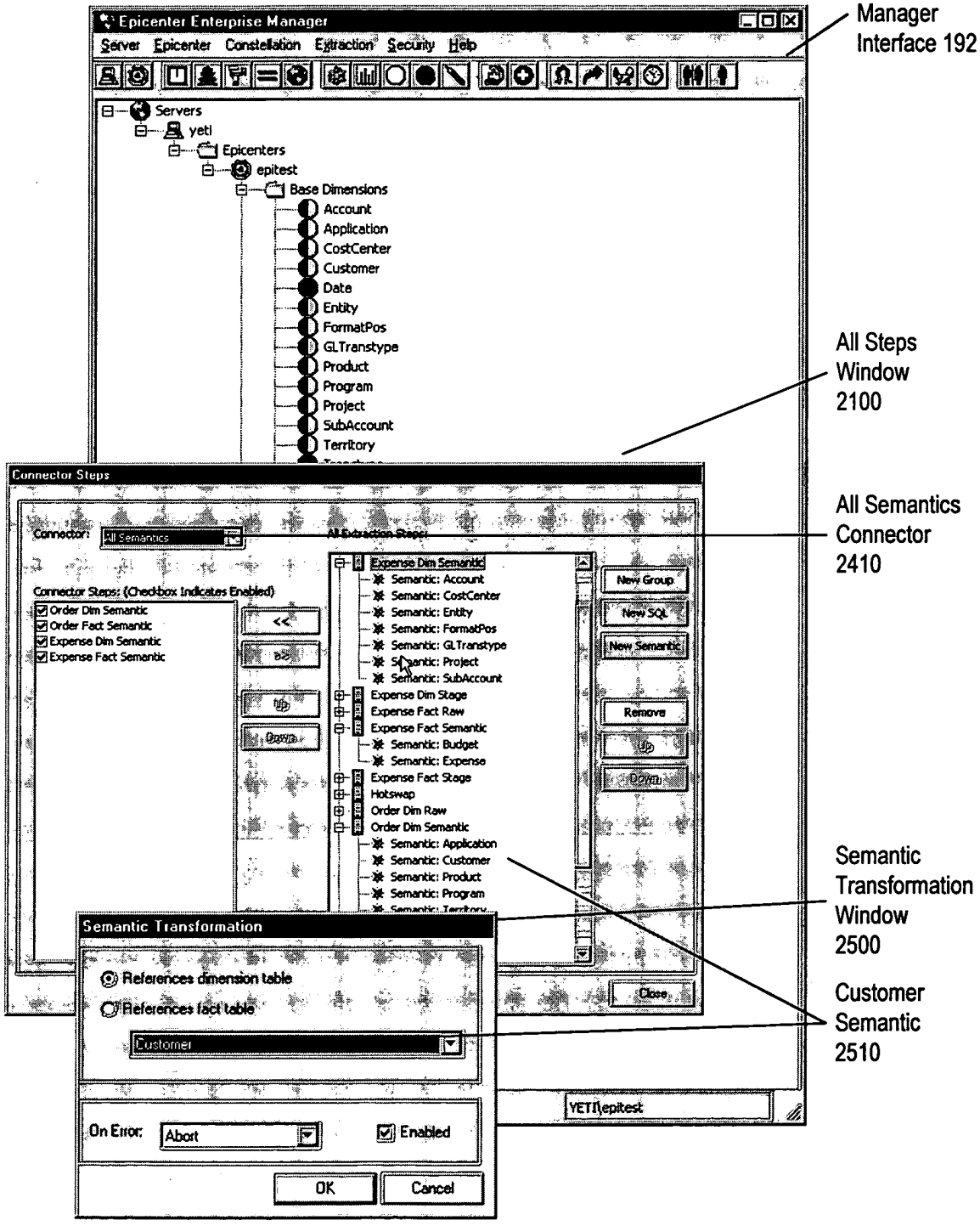


Figure 24

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure24 allsemanticconnectorandsteps.vsd



Enterprise Manager Interface 192

All Steps Window 2100

All Semantics Connector 2410

Semantic Transformation Window 2500

Customer Semantic 2510

Figure 25

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure25 customersemanticinstance.vsd

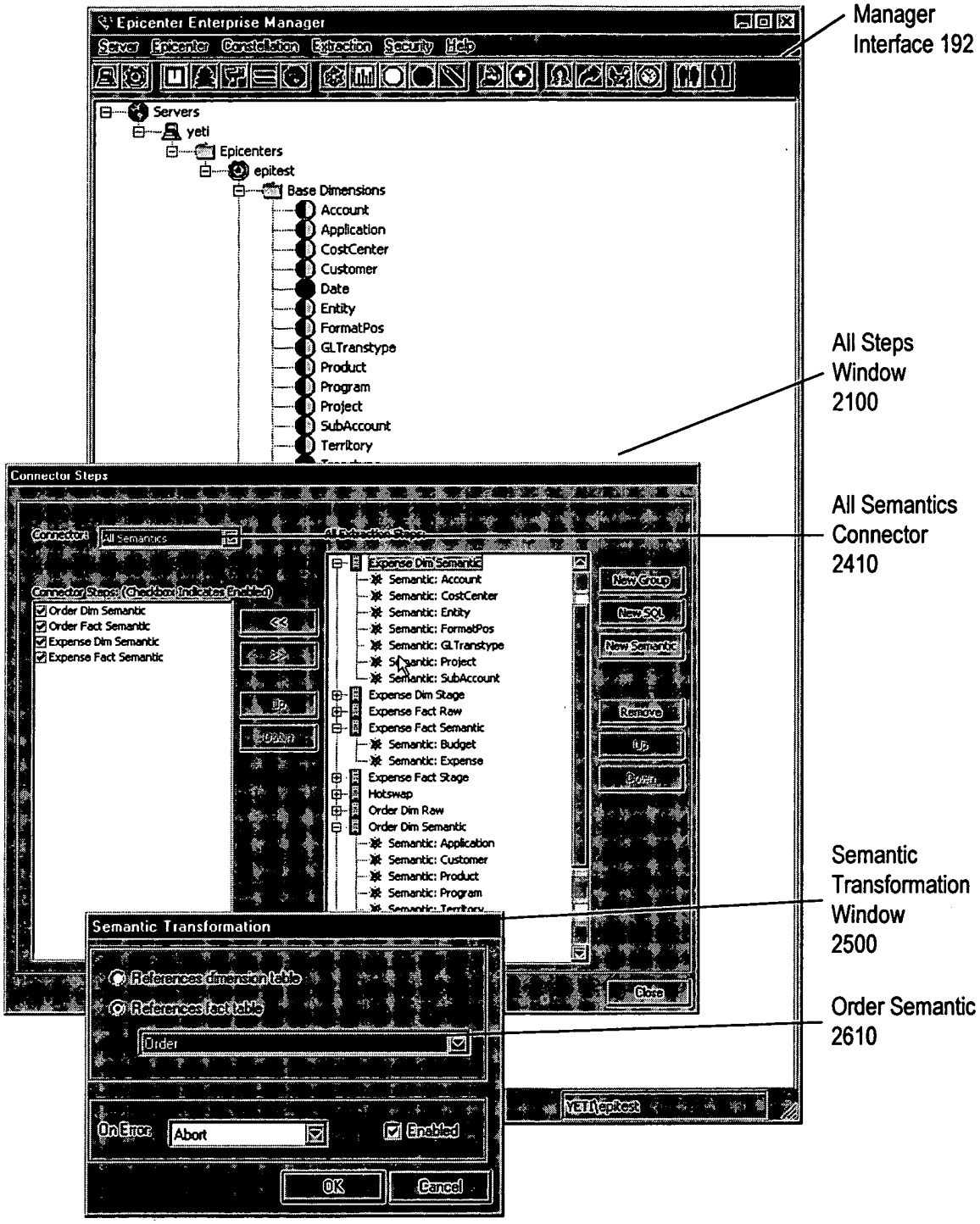


Figure 26

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure26 ordersemanticinstance.vsd

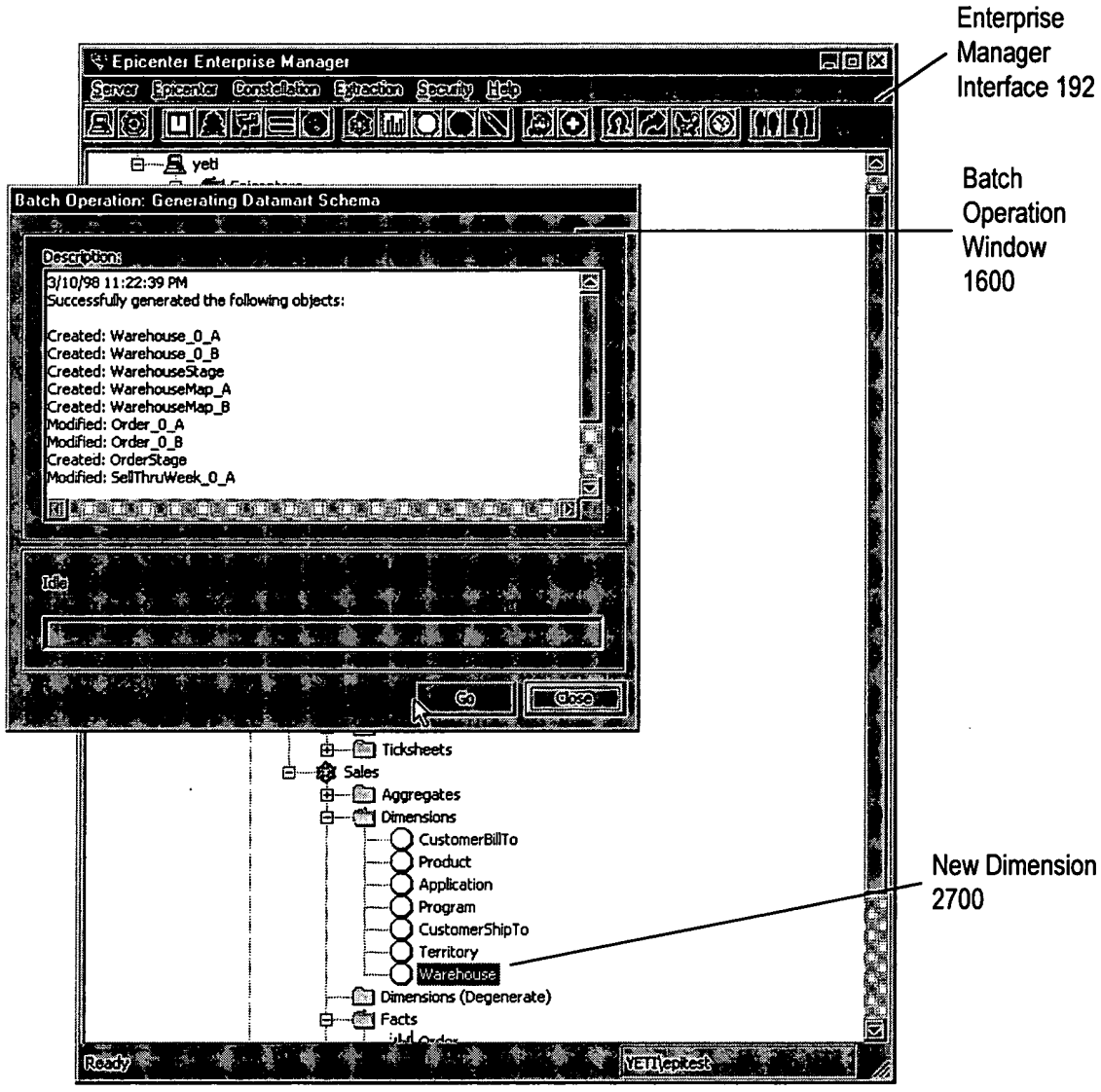


Figure 27

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure27 modifyschema.vsd

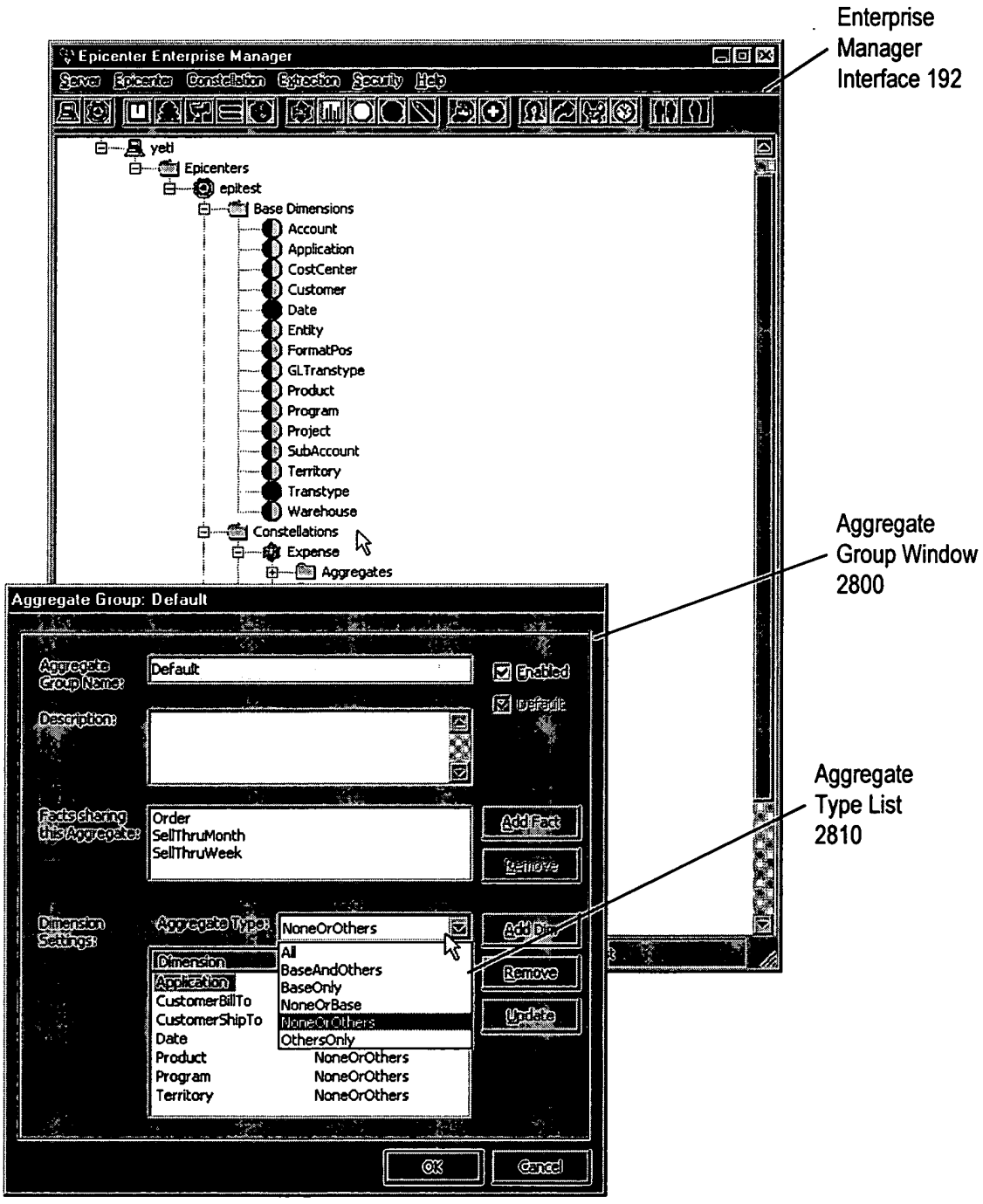


Figure 28

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure28 aggdimtypes.vsd

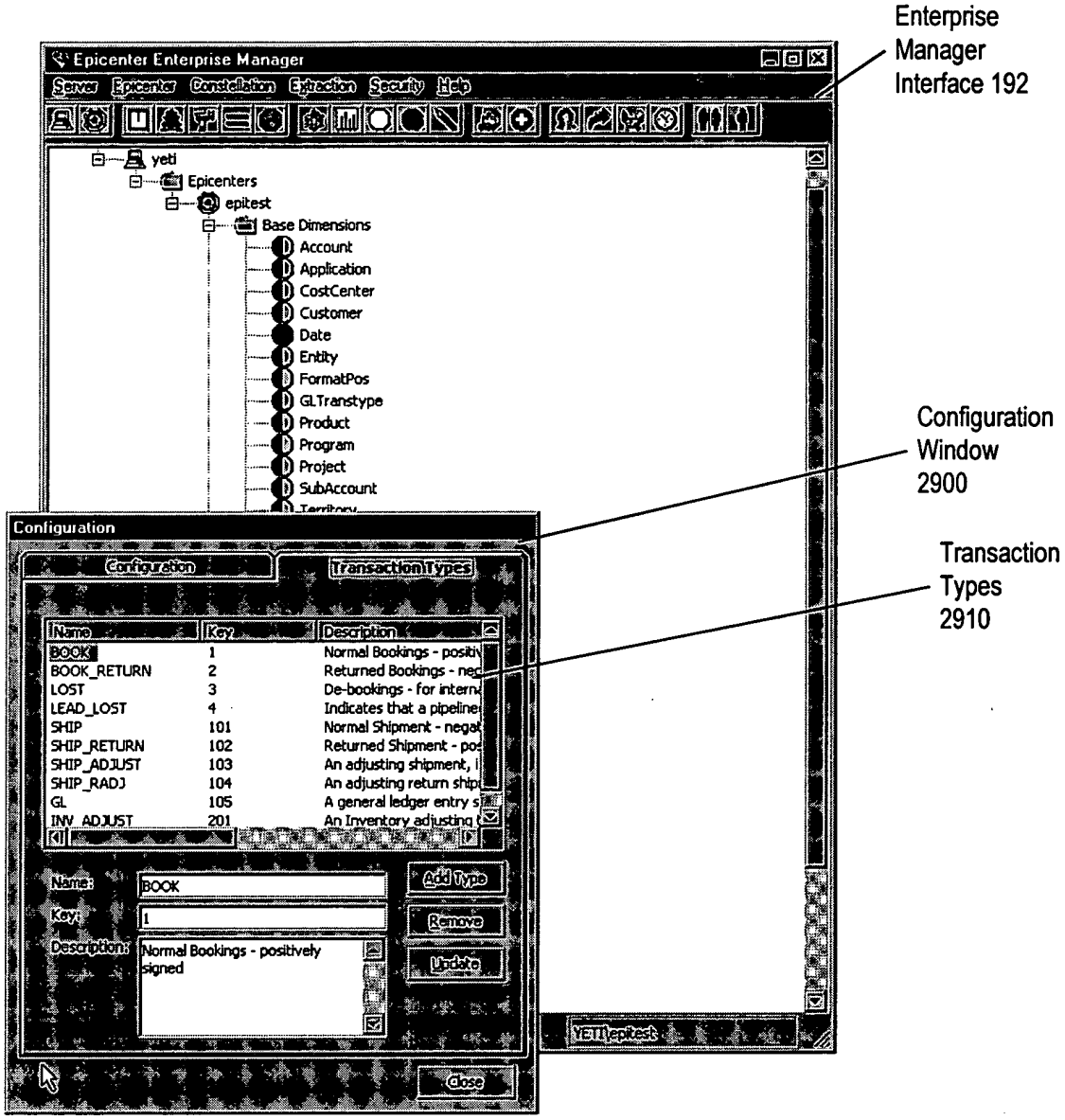


Figure 29

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure29 transtypedef.vsd

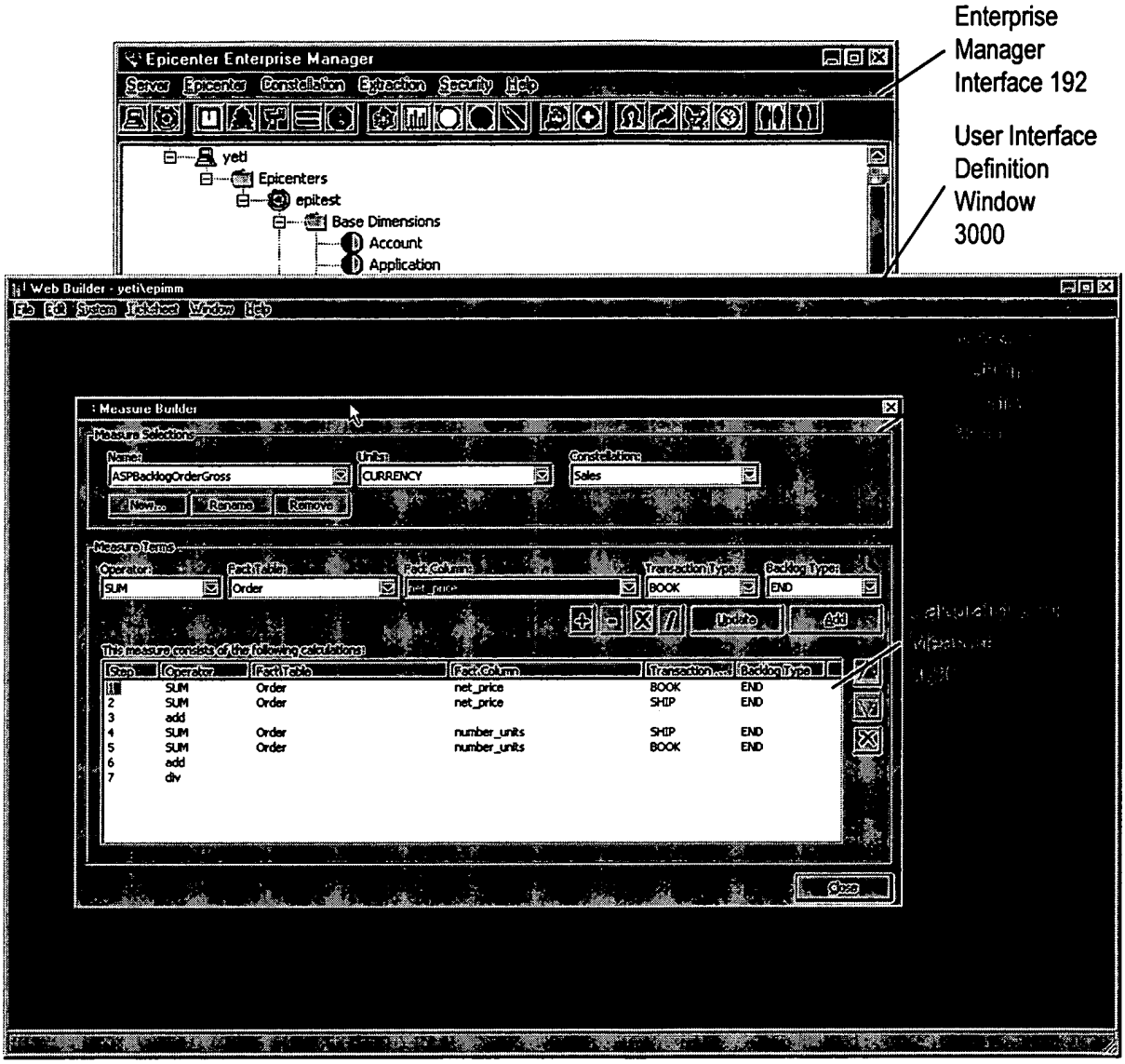


Figure 30

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure30 measuredefinition.vsd

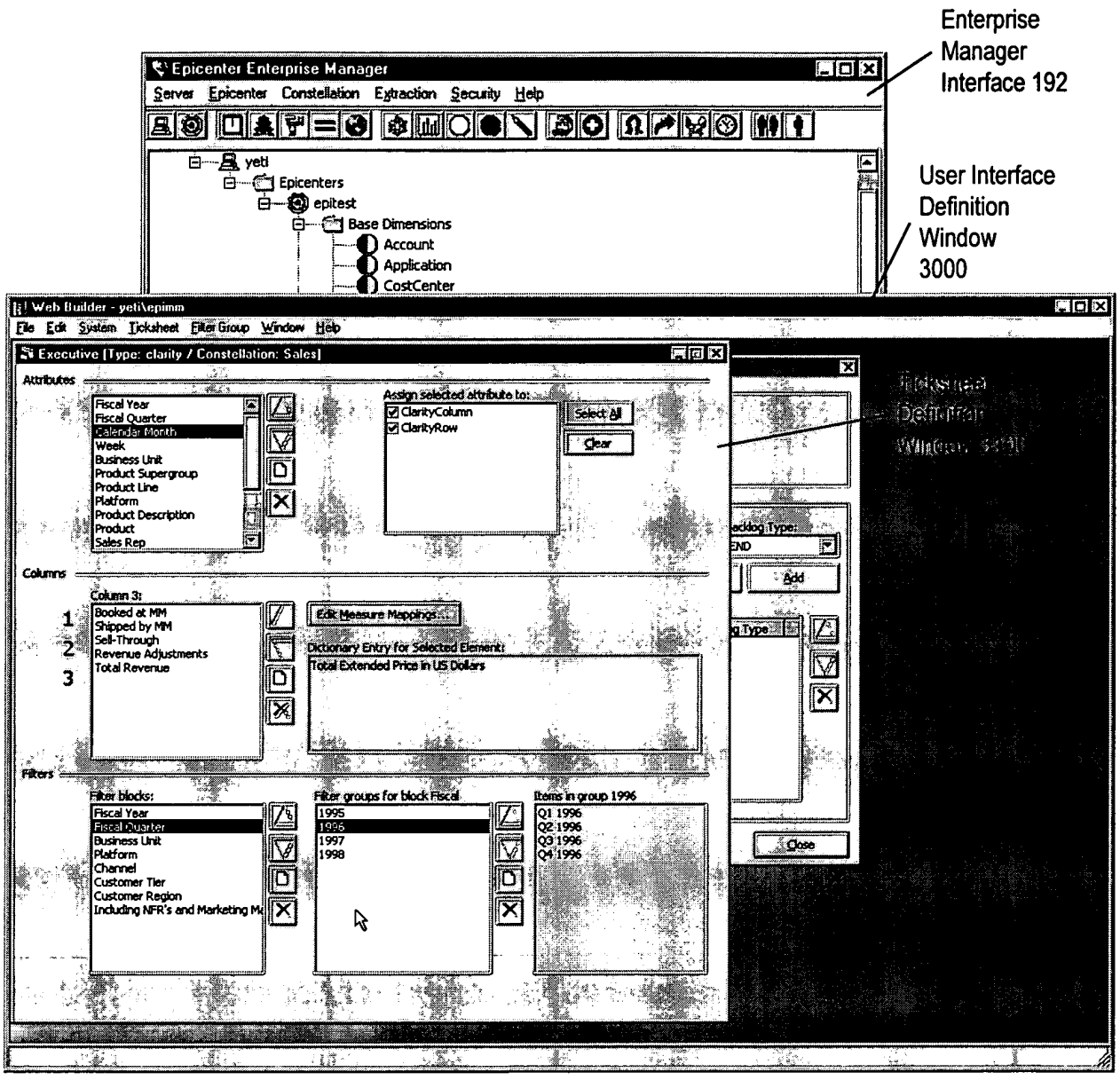


Figure 31

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure31 ticksheetfilterdef.vsd

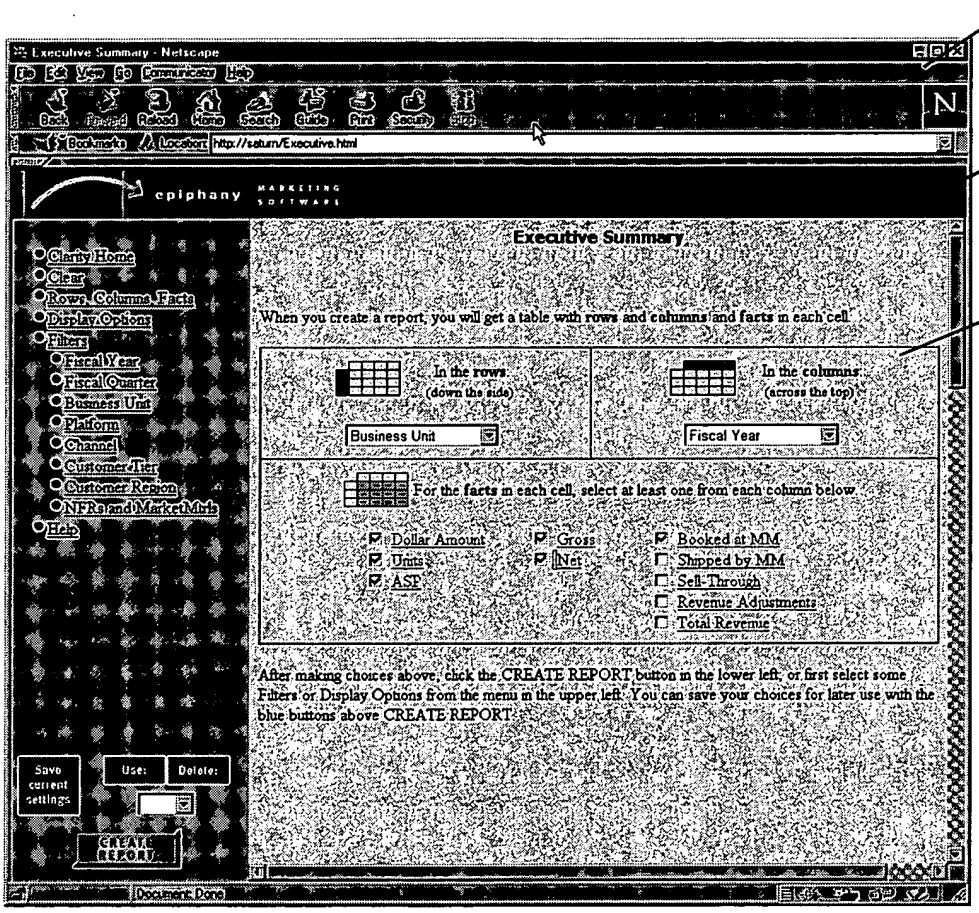


Figure 32

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure32 multiplemeasureselectionsuserinterface.vsd

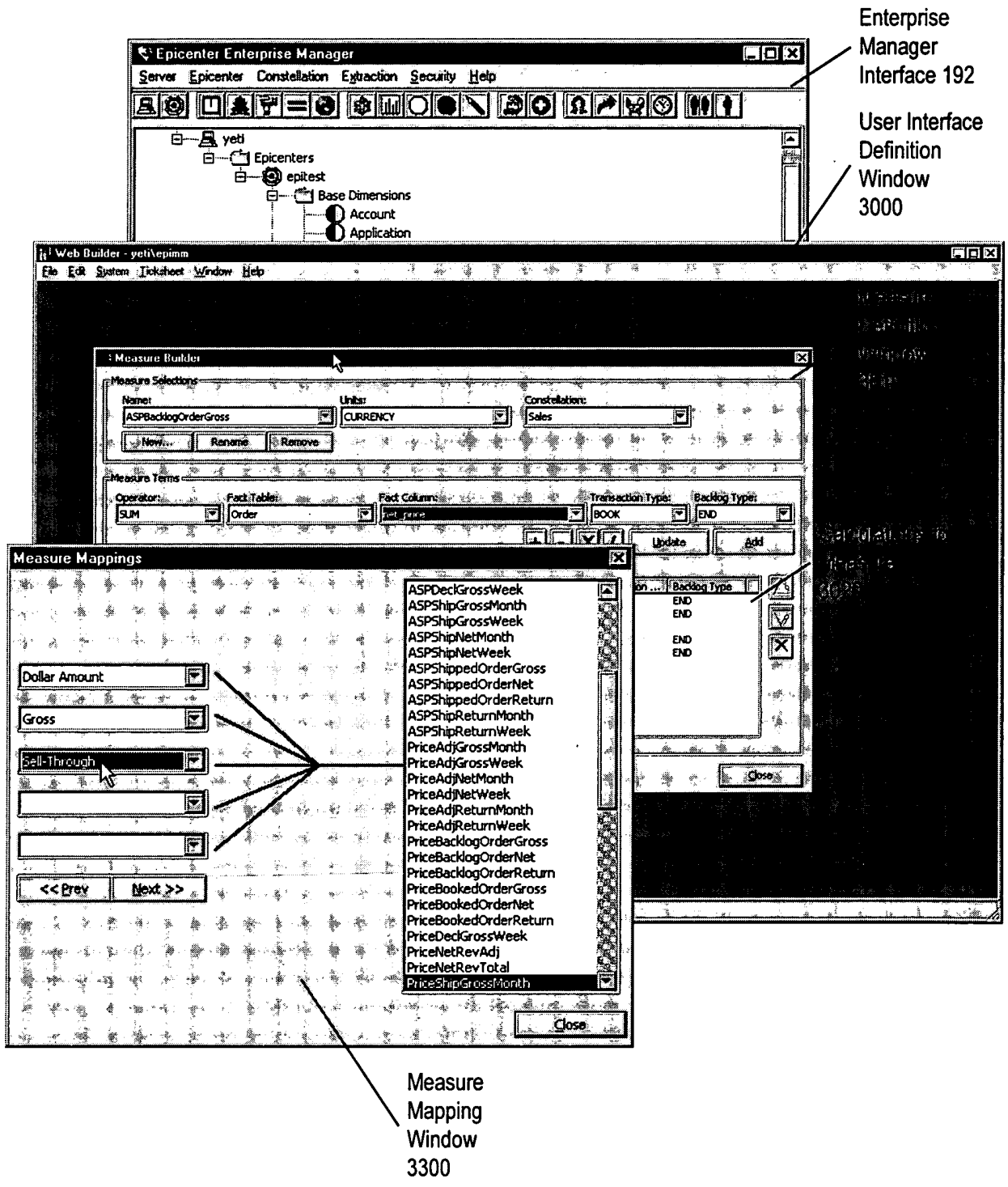


Figure 33

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure33 measuredefinition.vsd

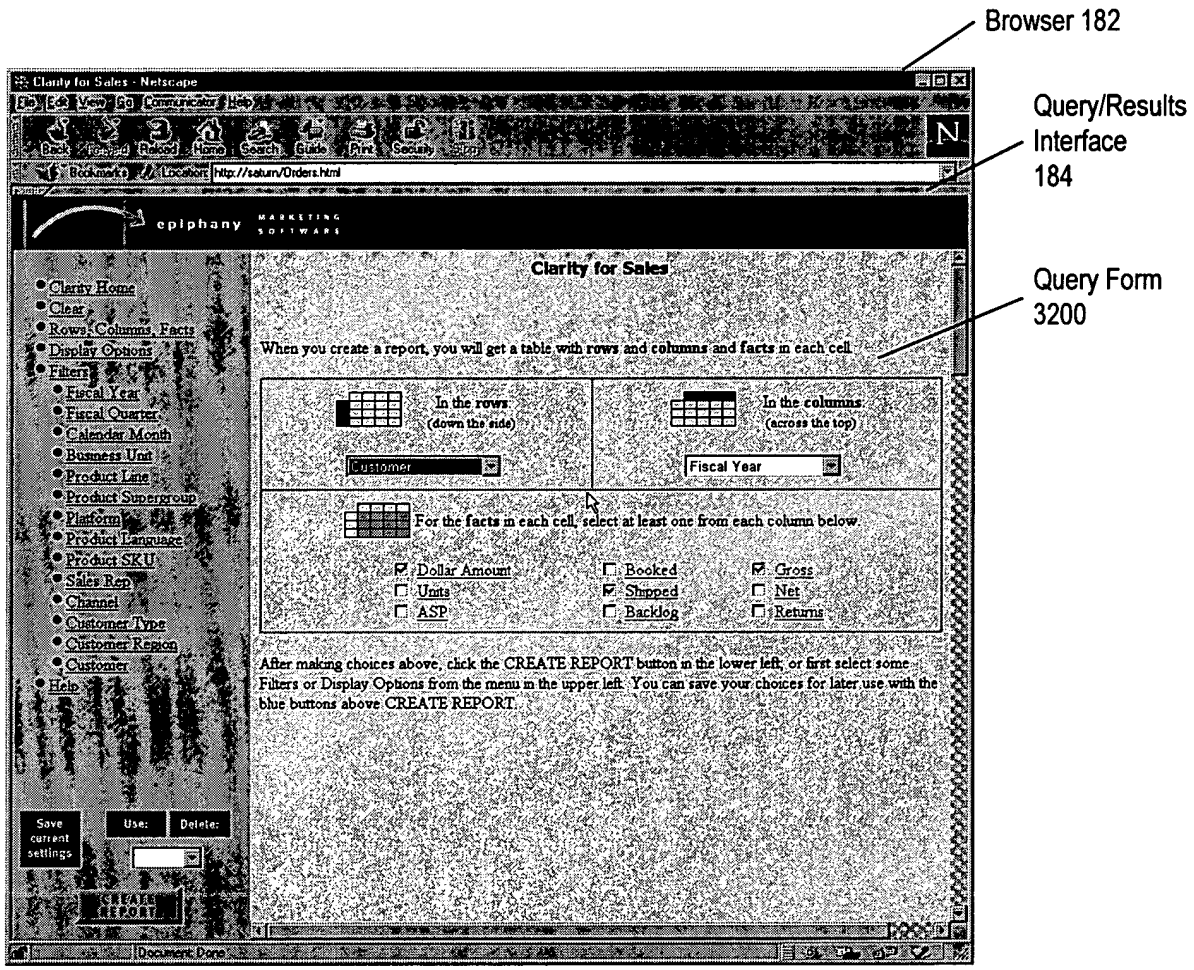


Figure 34

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure34 salesticketsheet.vsd

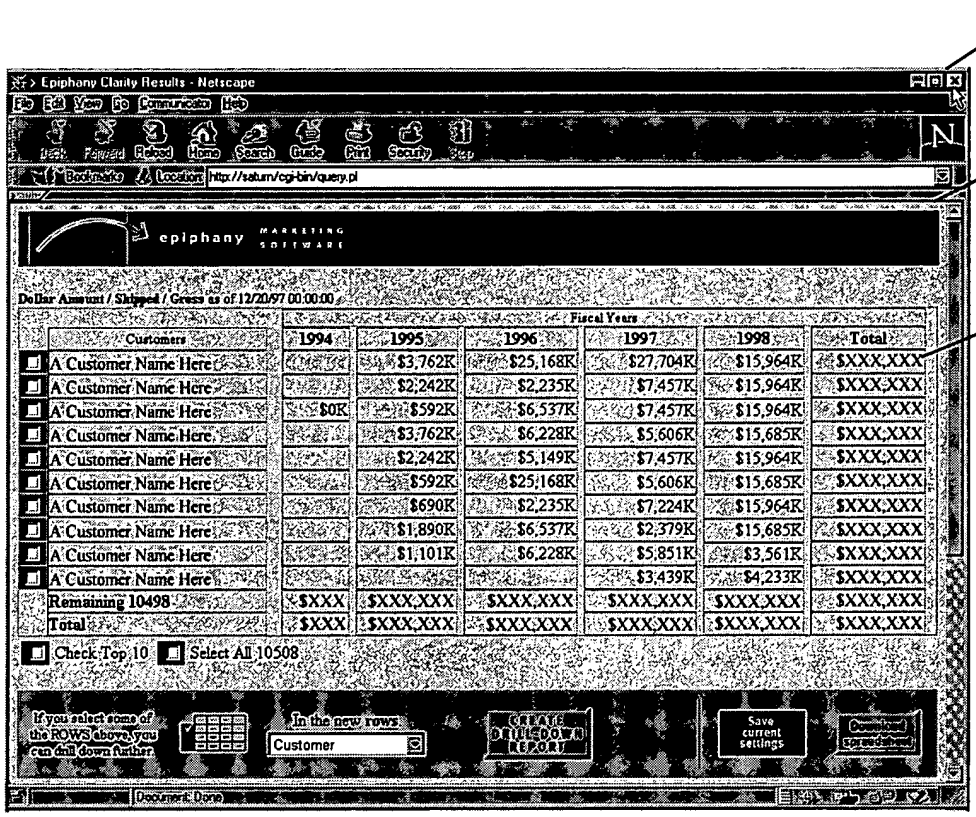


Figure 35

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure35 ClarityTableOutput.vsd

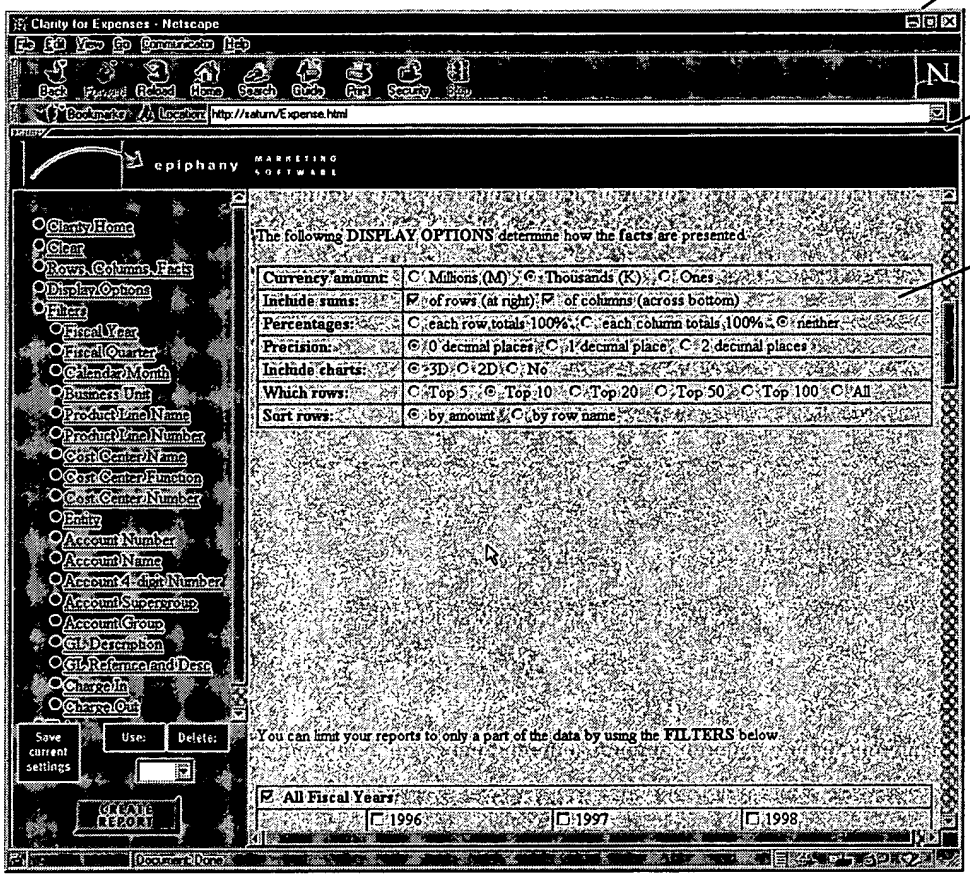


Figure 36

H:\PRIVATE\CLIENT\20308 Epiphany\701 MetaSchemas - EpiCenter System\Figure36 ticksheetoptions.vsd